Lancaster Farming

VOL. 26 No. 8 | Lancaster Farming, Saturday, December 20, 1980 | $7.50 Per Year

Also discuss autumn olive

Farmers win multiflora rose concessions

BY CURT HARLER

HUNTINGDON — A group of Huntingdon County farmers may have accomplished in one day what farm organizations, lawmakers, secretaries of agriculture, and the rest of the state's farmers couldn't do in 25 years.

They obtained a commitment from the Pennsylvania Game Commission not to oppose declaring Multiflora rose a noxious weed. They also won concessions on autumn olive.

Multiflora rose, promoted since the early 1950s as an ideal game cover and as a living fencerow, has turned into a nightmare for many Pennsylvania farmers.

The Commission says multiflora makes an excellent game cover. But farmers complain it gets so dense a rabbit couldn't run through it. Added to that are problems with birds who spread the woody plant through their droppings.

The Huntingdon County group actually had plenty of help from farm groups, politicians, the ag department, and others when it came to Harrisburg to sound off on multiflora rose.

They organized a bus trip to the Capitol and brought their state representative Samuel E. Hayes, Jr., R1 Tyrone. Hayes, well informed by his constituants, took over the questioning.

It didn't hurt that Hayes was House Majority Whip and moves up to Majority leader January 1.

He obtained from Pennsylvania Game Commission Executive Director Glenn L. Bowers an agreement that the Commission would go along with having multiflora declared noxious.

Hayes also obtained a

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Farmers to hold meeting on area bridge conditions

QUARRYVILLE — Irate farmers and farm businessmen have grown tired of talking about the horrid condition of roads and bridges in Lancaster County

This Monday they plan to do something about it.

A meeting has been set for December 22 at 7:30 p.m. at the Refton Fire Hall, along Route 222 at Refton, to see what can be done about the problem.

Gibson E. Armstrong, Pennsylvania State Representative from the 100th District, will be among those attending. Armstrong lives at Rl Refton.

In addition, officials of the Pennsylvania Department of Transportation have agreed to attend the meeting, to hear about the problem first hand, and to offer what suggestions or answers they can.

Of special interest to the group meeting Monday is the railroad bridge on Route 372 at the East end of Quarryville.

The bridge is posted with an 11 ton weight limit, far too low to handle much of the truck traffic passing along the main road through Quarryville.

In recent weeks, a milk hauler has been slapped with a $3900 fine for overweight and a farmer was fined in excess of $1000 for the same thing.

"This is a thorn in the side of agricultural businessmen and farmers," says Ken Herr, a farm machinery dealer who, along with others, must plan a way around weight limits posted on bridges along roads which the Department of Transportation maintains can not support more weight.

Problems with bridges have occurred in several other areas of Lancaster County, including some posted spans in the Elizabehtown-Maytown area.

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Talks AMPI, not local co-ops

AMPI president visits Eastern farmers

BY JANE BRESEE
Staff Correspondent

EAST TOWANDA — The President of the largest dairy co-op in the United States came East Tuesday to make contact with dairymen in Pennsylvania.

Irvin J. Elkin, president of Associated Milk Producers, Inc , promised dairymen in the troubled northeast Pennsylvania dairy market, "AMPI will continue in the future to be the most effective and largest dairy cooperative in the United States."

Elkin's four-stop speaking trip included a dinner meeting at the Country Club in East Towanda Tuesday.

His visit, sponsored by Keystone Harvestore, adds another chapter to reports first made in Lancaster Farming in October that AMPI and Northeast Dairy Cooperative Federation, Inc. had begun talks which could lead either to a joint venture between the two or to the eventual merger of the co-ops.

When asked by a radio station reporter if AMPI wanted to get control of Eastern Milk Producers' Milk, Elkin replied, "I don't want to go into specifics." And he didn't.

But the speech-making trip did give Elkin the chance to address the northeast Pennsylvania dairy farmers.

Elkin climaxed his lengthy speech by saying that AMPI will continue to increase it's share of the dairy market. "It must grow or die," he said.

Twelve mergers were made this year making an additional 4000 new members. The mergers were approved by the Justice Department while at the same time 3000 farm members were lost because they went out of business.

"We will continue to work for improved income for all dairy farmers in our country", Elkin said. "For there is one poll and one market — the United States consumer."

Irvin J. Elkin

Elkin was born and reared on a dairy farm near Amery, Wisconsin which he now operates in partnership with his son, Brian. He milks about 40 holstein cows and farms 200 acres of corn, alfalfa and small grain.

He started his association with dairy cooperatives as a member of the Turtle Lake cooperative's creamery and was on the board of directors when it joined with 60 other cooperatives to form AMPI in 1969. In 1974, he was elected president of the AMPI Cooperative Board and spends one-half to three-quarters of his time working in that position. He was

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Lancaster farmers elect ASC representatives

LANCASTER — Farmers recently selected representatives in their respective communities to serve as committeemen for the Lancaster County Agricultural Stabilization and Conservation Service during the ASC elections.

These community committeemen inform farmers about ASCS programs, remind neighbors of signups, referendums, and deadlines, provide information about local conditions including disasters, and assist in local problem cases when requested. The length of term for community committeemen is one year

The community committeemen when elected serve as a delegate to the county convention to select the county committee which serve a three year term David McMichael, Lancaster, R6, was reelected to serve another term on three member county committee. He had previously served to fill the unexpired term vacated by Vincent Hoover, New Providence.

Paul Kline, Brunnerville Road, Lititz, and LeRoy Welk, Quarryville, R4, will continue to serve their unexpired terms as Chairman and Vice Chairman respectively.

The County Committee, is responsible for administering the assigned ASCS programs, and see that the day to day operations are carried out effectively, efficiently and impartially. Their task is similar to that of a board of directors of a cooperative or other organization.

Ray Brubaker, County Executive Director of ASCS

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Livestock market and auction news

Lancaster Market

Monday, December 15
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	584	89	766	252
Last Monday	940	109	1127	179
Last Year	705	148	1223	59
Monday's Auction	564	94	758	252
Last Monday's Auction	913	125	1350	179

CATTLE: Compared to last Wednesday slaughter steers steady to .50 higher, some early sales fully 1.00 higher; slaughter heifers steady to firm; cows .50-1.00 lower; bullocks fully steady; bulls steady, instances 1.00 lower on yield grade 1. Supply included 62% slaughter steers, 12% slaughter heifers, 9% cows, and 17% bulls.

SLAUGHTER STEERS: Choice 2 1100-1450 lb. 68.25-70.00, around 10 head 70.00-71.85; Prime 3-4 1175-1325 lb. 68.00-69.35; Choice 2-4 1050-1350 lb. 66.00-68.25, few 65.25-66.00; high Good and low Choice 2-3 1050-1325 lb. 63.75-66.75; Good 2-3 59 00-65.00; high Good and low Choice 1150-1390 lb. Holsteins 57 60-59.25, few 59.50-60.50.

SLAUGHTER HEIFERS: Choice 2-3 840-1080 lb. 63.00-65.00, couple yield grade 2 65.50-66.50; Good 2-3 825-1000 lb. 56.25-62.50.

COWS: Utility and Commercial 1-3 43.75-47.00, couple 47.00-48.25; Cutter 1-2 41.75-44.00, few 44.50-46.00; Canner and low Cutter 37 25-41.50.

BULLOCKS Choice 1000-1300 lb. 67.00-69.50, six head 1215-1565 lb 70 00-72 00, Good 1000-1300 lb. 57.00-63 75

BULLS· Yield grade 1 1350-1850 lb. 56.00-60.00, few 60.00-63.50; yield grade 2 1000-1300 lb 52.50-56.50.

VEAL CALVES: Vealers mostly steady, some sales high Good and low Choice 70-115 lb. firm to 5.00 higher. Demand fair for calves returned to farm

VEALERS: Few Choice and Prime 250-320 lb. 102.00-108 00; Choice 150-260 lb 90.00-100.00; high Good and low Choice 120-250 lb. 75 00-85.00, 80-115 lb. 70 00-75.00 few at 80.00, 60-75 lb 60 00-70.00.

RETURNED TO FARM. Few 90-110 lb. Holstein bulls 95.00-102.00; few head 95-120 lb. Holstein heifers 125.00-140.00.

SHEEP· Wooled lambs very uneven; Choice 85-105 lb. 5.00-7.00 lower; Good 40-70 lb. 1 00-2.00 higher; supply included 125 head 30-45 lb. new crop lambs.

WOOLED LAMBS: Choice 85-105 lb. 53.00-57.00, few early 60.00-62.00; Good 40-70 lb. 60.00-70.00; around 125 head Choice 30-45 lb. new crop lambs 122.00-142.00.

SLAUGHTER EWES· Utility and Good 18.00-32.00.

Vintage Livestock

Tuesday, December 16
Report supplied by USDA

	Cattle	Calves	Sheep
Today	668	694	6
Last Tuesday	659	787	12
Last Year	764	689	40

CATTLE· Compared to last Tuesday slaughter steers mostly steady, although Good and Choice Holsteins 50-1.00 lower; slaughter heifers not tested; cows 1 00-2 00 higher, most advance on Utility and Commercial; bullocks not well tested; few sales bulls 1 00-2.00 lower Supply included 45% slaughter steers and 47% cows

SLAUGHTER STEERS 10 head choice 2 1125-1325 lb. 71.25-73.50; 10 head Choice 2 and Prime 3 1100-1350 lb. 69.00-71.75; choice 2-4 1075-1375 lb. 66.75-68.85; Choice 3 to mostly 4 1175-1350 lb. 65.00-67.00; high Good and low Choice 2-3 1000-1450 lb. 65.00-67.50; Good 2-3 62.00-65.50; Good and Choice 1190-1500 lb Holsteins 57.75-59 50, few 60 00-61.35.

COWS: Utility and Commercial 1-3 46.00-50.00, several 50.75-52.50; Cutter 1-2 43.00-46.75, few 47 00-48.25; Canner and low Cutter 40.00-43.00.

BULLOCKS Few Choice 1050-1200 lb. 59.00-65.00, couple Good 1025-1100 lb 55 00-57 75

BULLS Yield grade 1 1300-1700 lb. 56.00-57.85; yield grade 2 1000-1350 lb. 50.50-54.25, individual 1920 lb. 52.75.

VEAL CALVES: Vealers firm to 3 00 higher. Supply included 506 in graded sale of which 65% sold to return to farm.

VEALERS: Choice 140-260 lb. 82.00-95.00; high Good and low Choice 120-250 lb 72.00-82 00, 90-115 lb. 65.00-74 00, 70-85 lb. 60 00-67.00

SLAUGHTER CALVES Choice 250-400 lb. 57.00-66.00; Good 240-350 lb. 45.00-54.00.

RETURNED TO FARM 35 head 100-125 lb. Holstein heifers 140.00-146.00, 25 head 90-95 lb. 100.00, 35 head small frame 80-105 lb. 70.00-80.00; 30 head 120-125 lb. Holstein bulls 101 00-102.00, 130 head 100-115 lb. 106.00-114.00, 35 head 90-95 lb. 97 00-98 00, 40 head small frame 100-115 lb 79 00-88 00

SHEEP· No market test

Lancaster Auction

Wednesday, December 17
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	413	64	1170	2
Last Wednesday	468	38	1156	2
Last Year	336	49	1505	13
Wednesday's Auction	276	64	1008	2
Last Wednesday's Auction	314	41	1013	5

CATTLE Compared to Monday small supply slaughter steers and heifers mostly steady, cows 2.00-3 00 higher; bullocks steady; bulls uneven, yield grade 1 3.00-4.00 higher, yield grade 2 steady to firm.

SLAUGHTER STEERS· Few Choice 2 1100-1275 lb. 69.00-70.00; Choice 2-4 975-1300 lb. 66.75-68.75; high Good and low Choice 2-3 1000-1425 lb. 64 75-67.00; Good 2-3 62.00-65.50; high Good and low Choice 1100-1400 lb Holsteins 57.00-59.50, few head Choice 60.25-62.35; Standard 1-2 54.50-57 00.

SLAUGHTER HEIFERS. Few Choice 2-3 875-1025 lb. 62.00-64.75; Good 2-3 850-1000 lb. 54.50-60.00.

COWS: Utility and Commercial 1-3 46.75-50.50, few 50.05-51.25; Cutter 1-2 43.25-47.50, couple 50.00-50.50; Canner and low Cutter 39.00-42.50.

BULLOCKS: Choice 1000-1250 lb. 64.50-65.50, couple 67.00-68.50; Good 1000-1250 lb. 57.50-63.00.

BULLS: Yield grade 1 1400-1750 lb. 61.25-65.00, couple 66.10-66.60; yield grade 2 1000-1400 lb. 53.00-58.75.

VEAL CALVES: Insufficient volume for a full market test; supply included about 60% 80-115 lb. Holstein bulls sold to return to farm.

VEALERS: Few Choice 130-180 lb. 90.00-100.00; high Good and low Choice 90-115 lb 57 00-70 00, few 60-85 lb 50 00-60.00.

RETURNED TO FARM· Bulk 80-105 lb Holstein bulls 70 00-82.00, few head 85 00-100 00.

SHEEP No market test

New Holland Livestock

Thursday, December 18
Report supplied by USDA

CATTLE 710 Compared to last Thursday slaughter steers 1 00-1 50 higher; slaughter heifers not fully tested, cows 5 00-6 00 higher, bullocks fully steady, bulls firm to 1 00 higher Supply included 34 per cent slaughter steers, 3 per cent slaughter heifers, 54 per cent cows and 9 per cent bulls

SLAUGHTER STEERS Few high Choice and Prime 3-4 1100-1325 lb. 70 25-71 75, Choice 2 1050-1425 lb 70 50-73 00, five head 73 50-74 25, Choice 2-4 975-1400 lb 67 00-70 00, high Good and low Choice 2-3 64.50-68.00, high Good and low Choice 1150-1400 lb. Holsteins 57 75-59 75, Standard 1-2 50.75-57 50

SLAUGHTER HEIFERS Few Choice 900-1025 lb 64 00-66 25, couple 67.00-67 50

COWS: Utility and Commercial 1-3 47 00-50 00, several 50 50-52.50, few head 53 50-54.75, Cutter 1-2 44 00-49 00, few 49 50-50.50; Canner and low Cutter 40 50-44.75

BULLOCKS· Choice 1000-1350 lb 65.00-68.25, few 68 50-69.75; Good 1000-1275 lb. 58.00-65 00.

BULLS· Yield grade 1 1300-1900 lb. 58.00-63.00, few 63.25-66 25, yield grade 2 1000-1350 lb 54 50-58.50

VEAL CALVES· 520 Vealers uneven, Choice and Prime mostly steady, high Good and low Choice 60-120 lb 5.00-8 00 lower Demand fair for holstein bulls to return to farm

VEALERS Prime 270-350 lb 106 00-110 00, Choice 140-300 lb 92 00-108 00; high Good and low Choice 130-220 lb 79 00-94 00, 100-125 lb 65 00-76 00, 80-110 lb 58 00-68.00, few 55-75 lb. 50 00-60.00

RETURNED TO FARM Bulk 85-100 lb Holstein bulls 68 00-85 00, few 100-115 lb 85.00-110 00, couple 112 00-118 00

SHEEP 43 Wooled lambs weak to 2 00 lower, slaughter ewes steady to 2 00 lower.

WOOLED LAMBS Choice 80-100 lb 54 00-61 00, few Good 65-85 lb. 45.00-53 00

SLAUGHTER EWES Utility and Good 13 00-23 00

Lancaster County Weekly

Friday, December 19

	Cattle	Calves
This Week	2800	1375
Last Week	3610	1431
Last Year	3147	1439

CATTLE: Slaughter steers .50-1.00 higher, some late sales 1.50 higher, slaughter heifers steady to firm; cows 5.00-6.00 higher than last week's low close, bullocks fully steady; bulls firm to 1.00 higher. Supply included 37 per cent slaughter steers, 29 per cent cows, 9 per cent bulls, 5 per cent slaughter heifers with the balance feeder steers

SLAUGHTER STEERS High Choice and Prime 3-4 1100-1325 lbs. 70.00-71.75, Choice Grade 2 1050-1425 lbs 69.00-73.00, 10 head 73.50-74.25; Choice 2-4 1050-1350

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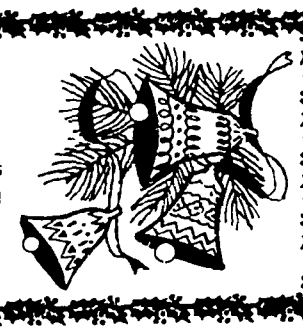
Ringing out wishes for good cheer, and our thanks for letting us serve you



LANCASTER STOCKYARDS
WEEKLY SALES
SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.

NO CATTLE OR HOG SALE WED., DEC. 24
NO STOCKER OR FEEDER SALE FRI., DEC. 26
NEXT STOCKER OR FEEDER SALE FRI., JAN. 2
CATTLE AND HOG AUCTION WED., DEC. 31 - 9:00 A.M.

NEXT FEEDER PIG SALE — DEC. 23, 1980

HOLIDAY SCHEDULE
Lancaster Stockyards will be closed for business Christmas and New Years Day. Livestock arriving at the Yards will be fed and watered as usual.

PRIVATE TREATY DAILY
LANCASTER STOCKYARDS, INC.
(717) 394-2611

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph: (717) 653-5728
RON RANCK
Ph: (717) 656-9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

Vintage Sales Stables, Inc.
BULLS, STEERS, BUTCHER COWS, LAMBS AND VEAL CALVES SOLD ON COMMISSION
SALE EVERY TUESDAY - 11 A.M.
HOG SALES
WEEKLY: WED. & SAT. - 9 A.M.
NO HAY & STRAW & GRAIN SALE THIS THURS., DEC. 25
Get calves in early We start to grade & weigh at 2 30
FOR MARKETING INFORMATION
PHONE 717-768-8204
HOME PHONE 215-458-5960
L. ROBERT FRAME, MANAGER
Box 100 Paradise, PA
10 miles East of Lancaster on Rt 30

NEW HOLLAND The Action Auction
AUCTIONS make the difference in marketing livestock!
NEW HOLLAND makes the difference in auctions!

MONDAY'S AUCTION
8 00 A M - Fat Hogs
10 00 A M - Horse Sale
11 00 A M - Hay, Straw & Ear Corn
1 30 P M - Fat Steers, Bulls, Cows & Veal
WEDNESDAY'S AUCTION
12 00 Noon - Dairy Sale
1 30 P M - Feeder Pig Sale
THURSDAY'S AUCTION:
11 00 A M - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3 30 P M - Calf Sale

NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W Diffenbach, Manager Phone: 717-354-4341

Hog Markets

New Holland Hogs

Monday, December 15
Report supplied by USDA

Today	1468
Last Monday	1718
Last Year	1965

TREND: Compared to last Monday barrows and gilts 1.50-2.00 lower.

BARROWS AND GILTS: US 1-2 200-245 lbs. 47.00-47.50, One lot 255 lbs. 46.75; US 1 210-235 lbs. 47.50-48.25; US 1-3 215-250 lbs. 46.00-46.50; US 2-3 250-270 lbs. 45.00-45.50.

Indianapolis Hogs

Thursday, December 18
Report supplied by USDA

HOGS: 1600 - Barrows & gilts moderately active, mostly 1.00 lower US 1-2 200-245 lbs. 44 50-45.25, 150 head 45.50

SOWS Moderately active, unevenly weak-2.00 lower, mostly 1.00-2.00 off. (8%). US 1-3 300-425 lbs. 36.50-38 00; 480-600 lbs. 39.00-40 00, one lot 40 50

BOARS: Unde 250 lbs not established; over 300 lbs. 30.00-34.50

Lancaster Feeder Pigs

Tuesday, December 16
Report supplied by USDA

Today	1183
Last Tuesday	2122
Last Year	1267

Compared to last Tuesday feeder pigs uneven, US 1-2 5.00-8.00 lower, US 2-3 fully steady. Supply included around 60 head 25-35 lbs. mainly US 2-3 sold to slaughter at 70.00-84.00. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 91 head 25-39 lbs. 75.00-84.50; 29 head 85.00-87.00; 508 head 40-49 lbs. 68.50-82.00; 151 head 50-59 lbs. 63.00-74.00; 91 head 60-70 lbs. 65.00-74.00

US 2-3: 81 head 40-49 lbs. 61.00-66.00; 46 head 50-55 lbs. 57.00-61.00; 67 head 60-69 lbs. 56.00-59.00.

St. Louis Hogs

Thursday, December 18
Report supplied by USDA

HOGS: 6500 - Barrows & gilts active, 50 lower. US 1-2 200-230 lbs. 44.50-45.00; 230-250 lbs. 44.00-44.50; US 1-3 230-260 lbs. 43 40-44 50.

SOWS· Firm-1 00 higher, most advance on wts. over 500 lbs (About 6%) US 1-3 300-500 lbs. 37.50-38.00, Over 500 lbs 38 50-40 00.

BOARS· Over 250 lbs 35 00-35.25, under 250 lbs. 37.00.

Feeder Pig Sale

Courtland, Va.
Thursday, December 11
Report supplied by VDA

There were 2,246 head sold. All pigs were graded by Representatives of the VDAC's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1-2's 30-39 lbs. 68.00; 40-49 lbs. 65.00; 50-59 lbs. 58.50; 60-69 lbs. 55.50; 70-84 lbs. 58.00; 85-100 lbs. 53.00.

US 3's 30-39 lbs. 66.00; 40-49 lbs. 61.00; 50-59 lbs. 55.50; 60-69 lbs. 55.00; 70-84 lbs. 51.50; 85-100 lbs. 50.00-52.50.

Utility 30-39 lbs. 42.00, 50-59 lbs 45.00, 70-84 lbs 45 00.

US 4's 30-39 lbs. 42 00; 50-59 lbs. 45.00; 70-84 lbs. 45.00.

Peoria Hogs

Thursday, December 18
Report supplied by USDA

HOGS· 3500 - Barrows & gilts moderate, mostly 1.00, instances 1 50 lower than last Wednesday's best time. US 1-2 200-240 lbs. 44.50-45.00; US 1-3 200-240 lbs 43.50-44.00.

SOWS. Weak to 1.00 lower (16%). US 1-3 350-450 lbs 37 00-37.50; 450-500 lbs. 38.00-39.50, 500-650 lbs 39.75-40.00.

BOARS· Over 350 lbs. 35.50; under 350 lbs. 32.00-40 00.

Lancaster Hogs

Lancaster Stockyards
Saturday, December 13

1170 head.

US #1 210-235 lbs. 48.75-51.25; US #1 & 2 200-240 lbs. 46.75-47.25; US 2 & 3 200-250 lbs 45 50-46.50; Heavyweights 263-295 lbs 42.35-44.50

Monday, December 15

HOGS. Barrows and gilts mostly steady.

BARROWS AND GILTS US 1 200-240 lbs. 47.00-48.00, several 48.25-48.75; US 1 200-245 lbs. 49.00-50.00, Few Selected 50.25-51.00, US 1-3 230-260 lbs. 46.25-47 00

Wednesday, December 17

HOGS: Barrows and gilts firm to 1.00 higher.

BARROWS AND GILTS: US 1 200-240 lbs. 49.00-49.75; Several lots mostly US 1 210-240 lbs. 50 50-50.25, Few Selected 50.50-51.00; US 1-3 220-260 lbs. 47 50-49.00; Few US 2-3 230-270 lbs. 46.50-47.00.

New Holland Feeder Pigs

Wednesday, December 17
Report supplied by USDA

Today	1044
Last Wednesday	1273
Last Year	1679

Compared to last Wednesday feeder pigs 5.00-10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

FEEDER PIGS. US 1-2: 58 head 34-39 lbs. 91.00-95.00; 130 head 24-39 lbs. 68.50-85.00; 190 head 40-49 lbs. 73.00-85.00; 90 head 50-59 lbs. 62.00-77.00; 19 head 60-70 lbs. 62.00-71.00.

US 2-3: 73 head 27-39 lbs. 63.00-77.00; 177 head 40-71 lbs. 55.00-57.00; 20 head 86-89 lbs. 53.00-55.00.

US 2 19 head 19 lbs. 106.00.

US 3: 13 head 35 lbs. 57.00; 15 head 60 lbs. 47.00.

Utility: 150 head 28-45 lbs 47.00-62.00.

Pa. Grain

Monday, December 15
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa Corn steady to 20 cents lower; Wheat weak to 45 cents lower; Barley and Oats unevenly steady; Ear Corn mostly steady to weak.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton)

Southeastern Pa.

Corn No 2-y range 3 50-3.80, average 3.66, Wheat No. 2 range 4.00-4.55, average 4.28; Barley No. 3 range 2.25-2 80, few reported 3.25, average 2.63; Oats No. 2 range 2.10-2.50, average 2.28; Soybeans No 1 range 6.34-7.00, average 6 68; Grain Sorghum No. 2 range 2.80, average 2.80; Buckwheat range 8.00, average 8.00; New Ear Corn range 90 00-100 00, few reported to 115.00, average 98.36

Central Pa.

Corn No 2-y range 3 60-3 80, average 3 71; Wheat No. 2 range 3 90-4.40, average 4 14, Barley No 3 range 2.15-2 50, average 2.35, Oats No. 2 range 1 95-2 30, average 2 18; Grain Sorghum No. 2 range 3 50, average 3.50, Buckwheat range 8 00, average 8 00; Ear Corn 85 00-105 00, average 96.17

South Central Pa.

Corn No. 2-y range 3.50-3 70, average 3 63; Wheat No. 2 range 3.80-4 20, average 4.02; Barley No 3 range 2 20-2.40, few reported 3 15, average 2.47; Oats No 2 range 1 90-2.25, few reported 2 60, average 2.20, Ear Corn range 80 00-100 00, average 90 88.

Western Pa.

Corn No 2-y range 3 25-3 70, average 3 49; Wheat No. 2 range 3.90-3.95, average 3 93, Barley No. 3 few reported range 2.10-2.15, average 2.13; Oats No. 2 range 1 70-1.95, average 1 83

Southeastern, Central & South Central Summary

Corn No 2-y range 3 50-3.80, average 3 67; Wheat No 2 range 3.90-4 50, average 4.18; Barley No. 3 range 2.20-2 75, average 2 52; Oats No. 2 range 1.95-2 30, average 2 22; New Ear Corn range 85 00-101 00, average 95.44.

Chicago Grain Futures

(Closing Bids as of Thursday Dec. 18)

	Corn	Wheat	Soybeans	Soybean Meal
Dec.	3.64	4.61½		225.00
Jan.			7.71	226.70
March	3 78¼	4.88½	8 06	236.50
May	3 83¼	4.94½	8.42	245.80

Trend - Corn is lower, Wheat is lower, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Thursday, Dec. 18)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Jan.	66.60		
Feb.	67.95	51.80	
Mar.			13 45
Apr.	67.95	53.70	16.28
June	72 45	58.05	

Trend - Cattle are lower,, Hogs are higher. Potatoes are higher

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
Week to Date	483,000	39,000	1,434,000	81,000
Same Period Last Week	501,000	37,000	1,449,000	83,000
Same Period Last Year	468,000	40,000	1,346,000	77,000

Market courtesy of USDA.

Hunter's Auction

Monday, December 15
Rising Sun, Md.
Report supplied by auction

COWS High Choice to Prime 46.50-47.75; Good to Standard 45.25-46.00; Utility 43 50-44.75; Cutters 41.75-42 00, Canners 36.50-40 50

CALVES Prime 190-240 lbs. 81 00-96.00, High to Choice 140-180 lbs. 80.00-87 00; Good to Choice 120-140 lbs. 70.00-83.00; Holstein Heifers 100 00-135.00; Standard to Good 90-110 lbs. 65.00-87 00; Utility 75-85 lbs. 55.00-69 00; Low Utility 65-75 lbs 40 00-52.00

FEEDER PIGS 20-25 lbs $6 to $9 by hd ; 30-40 lbs. $19 to $32 by hd.

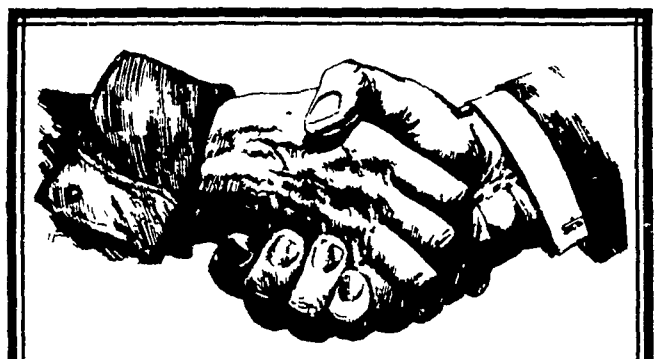
HOGS 130-175 lbs 34.00-41.00, 185-225 lbs. 43.00-45 50.

SOWS: 34.50-39.50

BOARS 32.00-36.00

SHEEP 34.00-41.00.

GOATS Nannies $18 to $26 by hd ; Kids $12 to $21 by hd., Billies $20 to $37 by hd



CONSIGN WITH CONFIDENCE

You are in good hands when you do business with Walter M. Dunlap And Sons.

— IMPORTANT NOTICE —

There will be neither a cattle auction or short leg auction on Wednesday, December 24.

On Wednesday, December 31st the cattle and short leg auctions will begin at 9 A.M.

On Friday, December 26, there will be no stocker & feeder auction.

WALTER M. DUNLAP AND SONS
Tel. (717) 397-5136
The leading firm on the Lancaster Market

NEXT FEEDER PIG SALE
TUES., DEC. 23 - 1:00 P.M.
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Christmas Blessings

to all our friends from the staff of

J. M. HOOBER INC.
LIVESTOCK BROKERS

Dave' Witmer	'Mel' Horn	Warren ' Buch
Paul' Albright	Mel Weaver	Burnell Siegrist
Christ ' Landis	Red Ebersole	'Ralph'' Weller
'Mart Eberly	Paul Eberly	' Kenny' Wenger
John Jr Hoober	Dick Hoober	Cheryl'' Steigerwald
	Gene Ellis	

S.K. SHOTZBERGER
Thank You and Best Wishes for a Merry Christmas & Happy New Year!
LIVESTOCK TRANSPORTATION
P.O. Box 925
Lancaster, PA
Phone
717-393-4641
(day or night)

Poultry Markets

Weekly New York Egg Market

From Friday, Dec. 12 to Dec. 18

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	85	82	79	79	79
Ex Large	82	79	76	76	76
Large	82	79	76	76	76
Mediums	79	75	72	72	72
Pullets	69	69	66	66	66
BROWN					
Jumbo	98	98	92	92	92
Ex Large	85	95	89	89	89
Large	93	93	87	87	87
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	71	68	63	63	63
Checks	45	43	41	39	39

Tone: Large barely steady. Balance medium easy.
Copyright 1980 by Urner-Barry

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Dec. 16 Tuesday	Dec. 18 Thursday
Class 1 - Large	48 lbs.	58	51
Class 2 - Large	45 lbs.	55	50
Class 3 - Medium	42 lbs.	54	50
Class 4 - Small	39 lbs.	53	48
Breaking Stock	48 lbs.	50	48
Checks	48 lbs.	45	43

Lancaster Farming

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Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at Lititz, PA 17543
USPS 304-040

For address change form or new subscription see Classified Section.

Members of Newspaper Farm Editors Assn., Pa. Newspaper Publishers Association, and National Newspaper Association.

N. E. Weekly Shell Egg Report

Tuesday Dec. 9
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.+	89-104	87-103	84-101	66-75
Mostly	*91-104*	*89-101*	*86-99*	*68-73*
N. HAMP.	84-91	82-89	79-86	61-68
Mostly	86-89	84-87	81-84	63-66
R.I.	*99-100*	*97-98*	*94-95*	*73-74*
VERMONT	91-105	89-103	86-99	–
Mostly	93-97	91-95	88-92	–
MAINE	91-92	89-90	86-87	68-69

+ Includes Central and Western Sections only.

Baltimore Eggs

Tuesday, December 16
Report supplied by USDA

Cartoned eggs: prices to retailers, state graded (min. one case sale) white.

Grade A Large	82-87
Grade A Medium	78-84

Philadelphia Eggs

Tuesday, December 16
Report supplied by USDA

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons, delivered; store door.

A Extra Large 79-87½; A Large 78-85½; A Medium 73-81½.

Lancaster County Weekly

(Continued from Page A2)

lbs. 66.00-70.00; high Good and low Choice 2-3 1050-1300 lbs. 64.00-68.00, Good 2-3 59.00-65.00; high Good and low Choice 1150-1450 lbs. holsteins 57.00-59.50, few 59.50-61.50, Standard 1-2 50.75-57.50.

SLAUGHTER HEIFERS: Choice 2-3 875-1080 lbs. 63.00-66.25, couple 66.50-67.50; Good 2-3 825-1000 lbs. 54.50-62.50.

COWS: Utility and Commercial 1-3 46.00-50.50, several 50.50-52.50, few 53.50-54.75, Cutter 1-2 43.00-49.00, few 49.50-50.50, Canner and low Cutter 39.00-44.00.

BULLOCKS: Choice 1000-1350 lbs. 64.50-69.50, 6 head 1215-1565 lbs. 70.00-72.00; Good 1000-1275 lbs. 57.50-65.00.

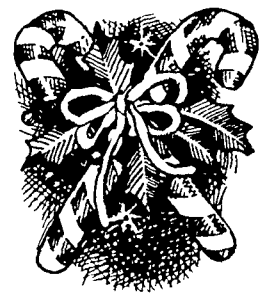
BULLS: Yield Grade 1 1300-1900 lbs. 58.00-63.00, few 63.50-66.60; Yield Grade 2 1000-1400 lbs. 53.00-58.75.

VEAL CALVES: Choice and Prime vealers mostly steady, high Good and low Choice 60-120 lbs. 5.00-8.00 lower. Demand fair for calves returned to farm.

VEALERS: Prime 250-350 lbs. 102.00-110.00; Choice 140-300 lbs. 90.00-108.00; high Good and low Choice 130-250 lbs. 78.00-94.00, 100-125 lbs. 65.00-76.00, 80-100 lbs. 58.00-68.00, 55-75 lbs. 50.00-60.00.

SLAUGHTER CALVES: Choice 250-400 lbs. 57.00-66.00; Good 240-350 lbs. 45.00-54.00.

RETURNED TO FARM: 35 head 100-125 lbs. holstein heifers 140.00-146.00, 25 head 90-95 lbs. 100.00, 35 head small frame 80-105 lbs. 70.00-80.00; bulk 100-115 lbs. holstein bulls 90.00-110.00, few 110.00-118.00; bulk 85-100 lbs. 68.00-88.00.



Belleville Auction

Wednesday, December 17
Report supplied by PDA

CATTLE 118. Compared with last week's market, slaughter cows $1.75-$5 higher. Few Standard slaughter steers 53.75-58.50. Utility and Commercial slaughter cows 47.00-50.60, couple 51.60, Cutters 44.00-47.85, few Canner and Low Cutters 38.75-43.00. Few Yield Grade #1, 830-1230 lbs. slaughter bulls 53.00-57.00.

CALVES 185. Vealers grading Standard and Good 70-95 lbs. $3-$5 higher. Few Choice vealers 88.00-95, few Good 75.00-85, Standard and Good 70-95 lbs. 65.00-73.00. Farm Calves: Hol. Bulls 85-130 lbs.. 70.00-115, mostly 85.00-105.00; few Hol. Heifers 75-100 lbs. 69.00-140.00.

HOGS 402. Barrows and gilts uneven, 50 cents lower to 50 cents higher. US No. 1-2 2-240 lbs. barrows and gilts 46.60-48.00, No. 1-3 2-255 lbs. 44.75-46.75, few lots No. 2-3 240-300 lbs. 41.00-44.00. US No. 1-3 275-550 lbs. sows 39.00-45.25. Few Boars 27.00-33.25.

FEEDER PIGS 458. US No. 1-3 20-35 lbs. feeder pigs 12.50-20.50 per head, No. 1-3 35-50 lbs. 16.00-25.00, No. 1-3 50-75 lbs. 22.00-30.50 per head, Utility 20-30 lbs. 8.00-11.50 per head.

SHEEP 58. Choice 80-100 lbs. wooled slaughter lambs 54.00-58.00, Good 60-90 lbs. 47.00-55.00. Slaughter ewes 14.00-23.00. Few Choice 40-50 lbs. new crop lambs 71.00-83.00. Yearlings 36.00-46.00. HOLSTEIN DAIRY COWS $790-$1390.00 per head.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, December 16
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .88-1.04.

MUSCOVY DUCKS, HENS: range .66-.78.

PEKIN DUCKS: range .56-.68.

CAPONS: 10-13 lbs. range .70-.78.

PULLETS: 6-9 lbs. range .54-.62.

RED FOWL: 4-5 lbs. range .14-.20.

RED FOWL: 5-6 lbs. range .32-.38.

CROSSBREED ROOSTERS: 4-8 lbs. range .32-.64.

CROSSBRED ROOSTERS: 9-11 lbs. range .25-.38.

GUINEAS: range 1.25-1.40.

GEESE: 12-18 lbs. range .82-.96.

GEESE: 9-11 lbs. range .70-.84.

TURKEYS: range .42-.48.

PIGEONS: range 1.35-1.75 ea.

WHITE PIGEONS: range 2.50-3.00 ea.

RABBITS: 4-6 lbs. range 1.18-1.38.

RABBITS: 7-10 lbs. range .95-1.20.

TOTAL COOPS: 600.

G&M Livestock

Duncansville, Pa.
Monday, December 15
Report supplied by auction

Compared to last week, market report cows lower, steers lower, hogs lower.

STEERS: Good to Choice 62.00-64.60; Good 56.00-62.00; Standard 52.00-56.00.

HEIFERS: Good to Choice 60.00-63.00; Standard 48.00-56.00.

FEEDERSTEERS: Good to Choice 300-500 lbs. 54.00-73.00.

BULLS: 1200-1538 lbs. 52.00-61.00; 900-1200 lbs. 48.00-56.00.

COWS: High Choice Prime 46.00-48.00; Good to Standard 42.00-46.00; Utility 38.00-42.00; Cutters 36.00-38.00; Canners Down to 33.00.

CALVES: High Choice 90.00-99.00; Good to Choice 80.00-90.00; Standard to Good 70.00-80.00; Utility 50.00-70.00.

FARM CALVES: Hol. Bulls 90.00-124.00; Hol. Heifers 100.00-167.50.

FEEDER PIGS: 15-25 lbs. 15.00-22.00; 25-50 lbs. 22.00-29.50.

HOGS: 200-240 lbs. 46.00-47.75; 180-300 lbs. 40.00-47.75.

SOWS: 36.00-45.50.

BOARS: 28.00-35.50.

LAMBS: 50.00-60.50.

TOP OF THE HOG MARKET
DANVILLE LIVESTOCK MARKET
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HORSE SALE HELD 3rd SATURDAY OF THE MONTH
Market your cattle & hogs the auction way.
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May Christmas Open Our Hearts to the Gift of Love

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Little Rock, Arkansas 72203

We wish you joys
to remember,
memories to treasure
and love to share at
Christmas and always.
With full hearts we say thanks.

pennfield feeds

Livestock market and auction news

Hay Markets

Regional Hay

Friday, December 12
Report supplied by PDA

Hay and Straw steady

Alfalfa 80 00-100 00; Mixed hay 60.00-80 00; Timothy hay 55 00-70 00, Straw 45 00-60 00, Mulch 25 00-45 00

Green Dragon Hay

Ephrata, Pa.
Friday, December 12
Report supplied by PDA

66 Loads Hay and 23 Loads Straw

Alfalfa 109 00-144 00, Mixed hay 65 00-105, few 127 00, Timothy 72 00-100 00, Clover, individual's 100 & 124 00, Orchard Grass, individual 75 00, Straw 48 00-73 00, Ear Corn, 10 loads 114 00-131 00, Corn Fodder, 4 loads 35 00-48 00, Oats, individual 2 75

Good's Hay

Leola, Pa.
Wednesday, December 17
Report supplied by auction

Alfalfa, 116-136, few at 149-163, Timothy, 81 97 50, one at 112 50, Mixed Hay, 71-109, one at 127 50, Grass, 70-92 50; Straw, 55-56, one at 75, Corn Fodder, one at 44, Corn, 109-128

Beil's Sales

Friday, December 12
Report supplied by auction

Timothy, $60-78, Mixed Hay, $70-77, one load Straw, $1 25 a bale

New Holland Hay

New Holland Sales Stables
Monday, December 15
Report supplied by auction

154 loads

Alfalfa 61 00-165 00, Timothy 79 00-114 00, Mixed 40 00-142 00, Straw 35 00-98 00, Corn 120 00-136 00

East Coast Carlot

Wednesday, December 17
Report supplied by USDA

Compared to Tuesday's close. Prime special fed veal no sales reported. Good and Choice boning veal steady to 2 00 lower. Compared to last week, boneless beef 85 chem lean 2 00-3.50 higher.

VEAL CARCASS
HIDE ON

Prime (Special Fed) 180-240 lbs No sales reported.

BONING TYPE
GOOD AND CHOICE
HIDE ON

Northeastern Suppliers 65-75 lbs 94 00-96 00, all steady to 2 00 lower, 55-64 lbs 92 00-94 00, 45-54 lbs 90 00-92 00, 35-44 lbs 88 00-90 00, 34 lbs down 86 00-88 00

Inshipped No sales reported

LAMB CARCASS
Choice & Prime 3-4
6 Loads

60 lbs dwn 117,00 load current delivery, 116 00 late December delivery

BONELESS BEEF
6½ Loads
(US and Canadian Origin)

85 pct chem lean, fresh 113 50-117 00, 2 00-3 50 higher

80 pct chem lean, fresh 108 00

BEEF TRIMMINGS
5 Loads

50 pct chem lean, fresh 65 00

CURED AND PROCESSED MEATS
11 Loads

Skinned Hams 16-20 lbs. 90 00 weak

Semi-Bonesless Hams. 14-17 lbs. 108 00

Boneless Hams 13-17 lbs 136 00

No 1 Sliced Bacon, Vacuum Pack, 1 lb pkg 109 00 firm

Franks, 70 Beef, 30 Pork, 1 lb Pkg 95 00 firm.

Dewart Auction

Monday, December 15
Report supplied by PDA

CATTLE 114 Compared with last week's market, slaughter cows $1 50 lower Few Choice 975-1300 lbs slaughter steers 60 50-66 35, few Good 55 00-60 75, few Standard 52 75-55 25 Couple Choice slaughter heifers 62 00 and 62.25, one Good at 59 35 Utility and Commercial slaughter cows 43 00-47 50, couple to 49 25, few Cutters 40 00-43 50, few Canner and Low Cutters 36 50-40 50 Choice slaughter bullock, individual at 64 50, one Good at 61 10 Few Yield Grade No 1, 850-1185 lbs. slaughter bulls 43 00-50.00.

CALVES 149 Bulk of supply returned to farm. Few Choice vealers 90 00-104, few Good 75 00-98, Standard and Good 70-95 lbs. 64.00-75.00. Farm Calves Hol Bulls 85-130 lbs. 75.00-108, couple 112 50, few Hol. Heifers 85-160 lbs 100.00-137 50

HOGS 290 Barrows and gilts $1 -$1 50 lower US No 1-2 2-230 lbs barrows and gilts 46 85-47 85, lot 48 50, No 1-3 2-250 lbs 46 00-47 00, few lots No 2-3 220-240 lbs. 42 00-44 00 US No 1-3 3-610 lbs sows 38 50-43 75 Few Boars 30 00-33 00

FEEDER PIGS 210 US No 1-3 20-35 lbs feeder pigs 16 00-24 00 per head, No 1-3 35-55 lbs 23 00-33 00 per head

SHEEP 24 Choice 85-100 lbs wooled slaughter lambs 55 00-60 00, few Good 70-90 lbs 50 00-55 00

Western Maryland Livestock

Hagerstown, Md.
Tuesday, December 9
Report supplied by auction

BUTCHER COWS Large run, steady to $1 00 lower High Yield 47 50-49 10, Standard & Utility 44 00-47 50, Canners 41 00-45 00, Shelly 41 00 Down Bulls Medium 1000-1300 lbs 47 00-51 00, Steers Choice #3 1400 lbs 61 00; Good 900 lbs 62 50, Holsteins 1200-1350 lbs 52 00-54 00

BUTCHER HOGS 50 cents lower US #1 & 3 215-240 lbs 46 85-47 00, US #1 & 2 240-260 lbs 47 25-47 35, 170-190 lbs 34 00-40 00 SOWS US 1 & 3 350-600 lbs 40.00-44 00, US 2 & 3 350-600 lbs 35 00-40 00

VEAL CALVES Only light calves offered Good to 92 50, Standard 70 00-85 00, Killers 80-100 lbs 65 00-71 00, Weak & Rough 65 00 Down

CALVES RETURNED TO FARM Strong demand for Heifers Holstein Heifers 95-110 lbs 145 00-177 50, Holstein Bulls Bulk 95-115 lbs 88 00-102 00

STOCK CATTLE Good demand Prices higher Steers Good & Choice 300-400 lbs 63 00-73 00, Medium & Good 350-550 lbs 52 00-62 00 HEIFERS Choice 350-500 lbs 60 00-64 00, Good 350-600 lbs 48 00-56 00 BULLS Good 300-500 lbs 55 00-64 00

PIGS AND SHOATS Good run, prices steady By the Head 15-30 lbs 8 00-17.00, 30-60 lbs. 16 00-26 50 By the Lb 95-125 lbs 33 50-39 00

Four States Livestock

Hagerstown, Md.
Wednesday, December 10
Report supplied by auction

SLAUGHTER Fed Steers No Choice, lower prices Good 56 00-60.75; Medium 55 00 Down Heifers Choice 59 00-61 50, Good 53.00-58 00; Medium 52 00 Cows Good run, $1 50 lower High Yield 46 00-47 00, Average 42 00-45 00, Big Middle 38 00-41 00, Fatty Herf 35 00-38 00, Shelly 41 00 Down Fat Bulls mostly steady Good 55 00-58 10, Medium 50 00-54 00 Veal Calves $2.00 lower Choice 93 00-96 00, Good 88 00-92.00, Medium 75 00-87 00; Farm Hfrs to 170 00, Farm Bulls to 107 50, Light & Weak 63 00 Down Lambs steady. Choice 57 00-58 75; Good 52 00-56 00, Medium 51 00 Down.

STOCKER Steers 300-550 lbs $1 00 lower Choice 68 00-72 00; Good 63 00-67.00, Medium 56.00-62 00; Culls 55 00 Down Steers 600-850 lbs Choice 63 00-68 00, Good 57 00-62 00, Medium 56 00 Down Heifers (All Weights) Few to 65 50, Choice 56 00-62 00, Good 50 00-55 00; Medium 49 00 Down Bulls Choice 62 00-67 50, Good 56 00-61 00; Medium 55 00 Down Springing Heifers to 1100 00 Pigs, Hd steady to 1 00 higher 20-30 lbs 8 00-17 00, 40-60 lbs 18 00-31.50 Shoats by Lb to 38.50 Slaughter Hogs $2 00 under last week 210-230 lbs 45 00-46 35, 240-260 lbs 44 00-46 00, 265-350 lbs 40 00-44 50 Sows 300-600 lbs 37 00-40 75, Thin Sows 31 50-36 00

Martinsburg Auction

Monday, December 15
Report supplied by auction

CATTLE 113 Choice slaughter steers 62.00-64, Good 59 75-62, Standard 54 00-59 50, Utility 49 00-52 25 Good slaughter heifers 60 00-63 50, Standard 52 00-53, Utility 42 00-49 00 Utility and Commercial slaughter cows 45 00-46 75, Cutters 42 00-45, Canner and Low Cutters 38 00-42, Shells down to 32 00 Good slaughter bullocks 58.75-60.80, Standard 55.00-58.00, Utility 50 00-54.00. Yield Grade No. 1, slaughter bulls 55.00-60.00; #2, 52.00-56.00.

CALVES 279. Choice vealers 90.00-95, Good 79.00-90, Standard and Good 90-110 lbs. 70 00-74, 70-90 lbs 60.00-63, Utility 55-110 lbs 50.00-66.00 Farm Calves Hol Bulls 90-120 lbs 90 00-125; Hol Heifers 85-130 lbs 100-177 50.

HOGS 361. US No. 1-2 2-240 lbs barrows and gilts 46 50-48, No. 1-3 2-250 lbs. 45 50-46 50, No. 2-3 260-270 lbs. 43 50-45.50, No 1-3 130-185 lbs 40 00-43 00. US No 1-3 3-500 lbs sows 40 00-43, No 2-3 300-650 lbs 38 00-40.00 32 00-36 00

FEEDER PIGS 67 US No 1-3 20-35 lbs feeder pigs 7 00-23 50 per head, No 1-3 35-50 lbs 23.50-27 50 per head

SHEEP 2 Feeder lamb at 65 00 Slaughter ewe at 20 00

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, December 13
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE Good Light Steer Calves 74 00-79.00; Medium 69 00-74 00, Plain 64 00 and down, Good Heavy Steers 64 00-69 00, Medium 59 00-64 00, Plain 54 00 and down, Holstein Steers 40.00-51 00, Good Light Heifer Calves 55 00-60 00, Medium 50 00-55 00, Plain 45 00 and down, Good Heavy Heifers 58 00-63 50, Medium 53 00-58 00, Plain 48 00 and down, Slaughter Cows 43 00-49 25, Utilities 35 00-42 75, Canners & Cutters 35 00 and down, Milk & Stock Cows 810 00 and down; Stock Bulls 38 50-52 00, Slaughter Bulls 48 75-57 25

CALVES Veal Calves 86 00 and down, Baby Calves 125 00 and down

SHEEP & LAMBS Choice Blue O 68 00, Good Red O 53 50 Feeder Lambs 53 50-55 00, Slaughter Ewes 20 00-23 50, Stock Ewes 63 00 and down

HOGS Top 44.50, Heavy 33 00, Medium 33 25-37 50, Light 36 00, Sows 40 00 and down, Boars 31 60, Butcher Hogs 37 25-41 50

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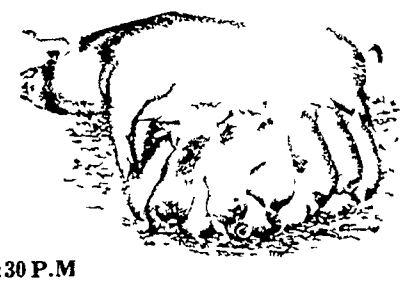
on Route 23, New Holland, Penna.
WEEKLY FEEDER PIG SALE EVERY WEDNESDAY



Sale to Start at 1:30 P.M
We Will Receive Your Pigs Anytime
From 7 A.M Wed Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge
Tags delivered if you call 717-354-4341 our office in advance.
Calf Sale To Be Held
Every Thursday At 3:30 P M
NORMAN KOLB 717-397-5538
ABE DIFFENBACH 717-393-4464

HOLY HOLY *Let us rejoice in loving adoration as we celebrate and remember the miracle of Christmas.*
GOOD'S POULTRY, INC.
RD #3, Columbia, PA 17512
717-684-2228 717-285-3628

Livestock market and auction news

St. Louis Cattle

Thursday, December 18
Report supplied by USDA

Receipts This Week: 5,500
Week Ago 6,300
Year Ago: 5,700

Compared to the previous week's close, slaughter steers 1.50 to mostly 2.00 lower. Slaughter heifers 1.50-2.00 lower Cows 4 00-5.00 higher Bulls steady Slaughter supply mainly Choice and Choice and Prime 2-4 1050-1200 lbs. steers, around 35% heifers and 15% cows.

SLAUGHTER STEERS. Mixed Choice and Prime 2-4 1050-1275 lbs 62 00-64 25, closing 63 50-64 25; 3-4 1075-1300 lbs 61 00-63 00, closing sales 62 00-63.00, package 4-5 1200 lbs. 57.00 Choice 2-4 950-1300 lbs. 61 00-63.50, closing 62.00-63.50. Mixed Good and Choice 2-4 900-1200 lbs. 60.00-62.50. Good 2-3 900-1175 lbs. 58.50-61.00. Standard to Good 2-3 1050-1350 lbs. Holsteins 51.00-58.00, mid-week sales 51.00-56.00, not tested late.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1075 lbs. 59.50-62 00, closing mostly 61 00; 3-5 825-1100 lbs. 56.00-60 00. Choice 2-4 800-1050 lbs 58.00-61 50, closing 59 50-61 00. Mixed Good and Choice 2-3 700-1000 lbs 56 50-60 00 Good 2-3 700-975 lbs 55 00-58 50

COWS Closing week sales Utility and Commercial 2-4 43.00-46 00 Boning Utility 1-2 46.00-48 00. Cutter 1-2 42 00-45.00 Canner and Low Cutter 1-2 38 00-42 00

BULLS Yield Grade 1-2 1050-1900 lbs. 46 00-54 00, closing 50.00-54 00, individual Yield Grade 1 55 00

FEEDERS· (including around 1,500 at the regular Thursday auction.) Feeder Steers firm to 2 00 higher Feeder Heifers firm to 3.00 higher Most upturn on weights under 500 lbs Demand good for moderate supply Receipts mainly Medium Frame 1-2 400-800 lb Steers and 300-700 lb Heifers

FEEDER STEERS Medium Frame 1 275-400 lbs 74 00-79 00 400-500 lbs 70 50-77 00, 500-700 lbs 70 00-73 50, scattered lots 750-850 lbs 64 50-68 50

Medium Frame 1-2 and Small Frame 1 375-600 lbs 64 00-70 00, bulk 65 50-68 00

Large Frame 2 Holstins Few lots 375-475 lbs 52 00-54 50, couple lots 865-875 lbs 52 50

FEEDER HEIFERS Medium Frame 1 300-400 lbs 62.50-68 00; 400-500 lbs 61 00-66.25; 500-700 lbs 60.75-64 25, few lots 725-775 lbs. 58 25-60 00.

STOCK COWS. Lot Medium frame 1-2 889 lb Middle-aged 40 50.

Peoria Cattle

Thursday, December 18
Report supplied by USDA

51 Weekly Cattle Summary Compared to last week slaughter steers were steady to 50 lower Heifers 50, instances 1 00 lower Cows and bulls steady, instances 1.00 higher. Slow trade and reduction of buyer caused the week to open sharply lower, however, by midweek buyers aggression coupled with an upward trending beef trade erased part of the early weeks decline. Receipts this week were about 4200, last week 5435 and 5160 a year ago.

SLAUGHTER STEERS: Closing sales, Choice 2-4 1050-1250 lbs. 63.50-64.50, Load at 65.00, 4 loads 1100-1275 lbs. 65.50 Load YG 3-4 1390 lbs. 61.50. Mixed Good and Choice 2-4 1050-1250 lbs. 62 00-63.50 Good 60.00-62 00, few packages 1050-1150 lbs Holsteins 56 00-58.00

SLAUGHTER HEIFERS Choice 2-4 950-1050 lbs 62.00-63 50, bulk 62.00-63 00 3-4 60 00-62 00, few packages 4-5 54.00-57 50 Mixed Good and Choice 2-3 850-1000 lbs 60 50-62 00 Good 59 00-60.50.

Cows Utility and Commercial 2-3 40 00-44.00, few returning to the country 44 75 Cutter 37 00-42 00

BULLS YG 1-2 1100-1800 lbs 47 00-53 00.

Omaha Cattle

Thursday, December 18
Report supplied by USDA

Midweek prices on slaughter steers and heifers were 25-50 higher, some mixed 3-4 75-1 00 higher Cows were 1.50-2 00 higher and bulls firm to 1 00 higher

Four day receipts this week 13,700; last week 14,400; year ago 17,300.

The fed cattle trade followed an erratic pattern in reflection of a rapidly and sharply fluctuating carcass trade Prices were forced downward on the initial session, but the early decline was more than offset in an aggressive trade on later sessions as carcass prices moved substantially upward Yield grade was still a major price-determining factor, but after Monday most buying interests were somewhat less discriminating in active competition to secure numbers The overall finish of the steer and heifer supply was still attractive with a large percentage Choice, and the volume of yield grade 4 animals was somewhat smaller Slaughter steers made up approximately 45 pct and heifers 36 pct Cows comprised 11 pct and feeders 5 pct

STEERS At midweek high time, load Choice 3 1231 lbs 65 75, load Choice 3 1234 lbs and load Choice and Prime 3 with end 4 1212 lbs. 65.50. Choice 2-4 1050-1300 lbs. 64.00-65.25, load 1401 lbs. 64.00, some 1150-1300 lbs with increased percentage 4 63.00-64.00 Mixed Good and Choice 2-4 1025-1250 lbs. 63.50-64.25. Good 2-3 61.50-63.50 Couple consignments Good and Choice 2-3 1250-1500 lb Holsteins 61.00.

HEIFERS. Two loads Choice and Prime 3 with end 4 1000-1025 lbs. 63.50-63.75, load large share 4 1100 lbs. 61.50. Choice 2-4 900-1075 lbs. 61 50-63.25, some large share 4 at inside price, load 4-5 1227 lbs 60 00 Mixed Good and Choice 2-3 875-1050 lbs 61.00-62.00. Good 2-3 59.00-61.00.

Average of LS 214 detailed quotations for Choice 900-1100 lb. steers 64.28, 1100-1300 lbs 64 25 Average three day cost steers this week 63 26, average weight 1181 lbs. as compared 64 71 and 1187 lbs. a week ago. Average three day cost heifers 61 04, average weight 1030 lbs. as compared 62 79 and 1039 lbs. a week ago.

COWS Utility and Commercial 2-4 41.00-44 00, few 44 50. Cutter 40 00-42.00 Canner and Low-Cutter 39 00-40 50.

BULLS. 1-2 1200-2300 lbs. 48 00-53 00, few individual 1 54 00

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, December 15
Report supplied by auction

Reported receipts of 79 cows, 13 bulls, 388 calves, 5 heifers, 1 steer, 74 hogs, 18 lambs, 4 sheep. Cattle market reported easier, calf market reported steady

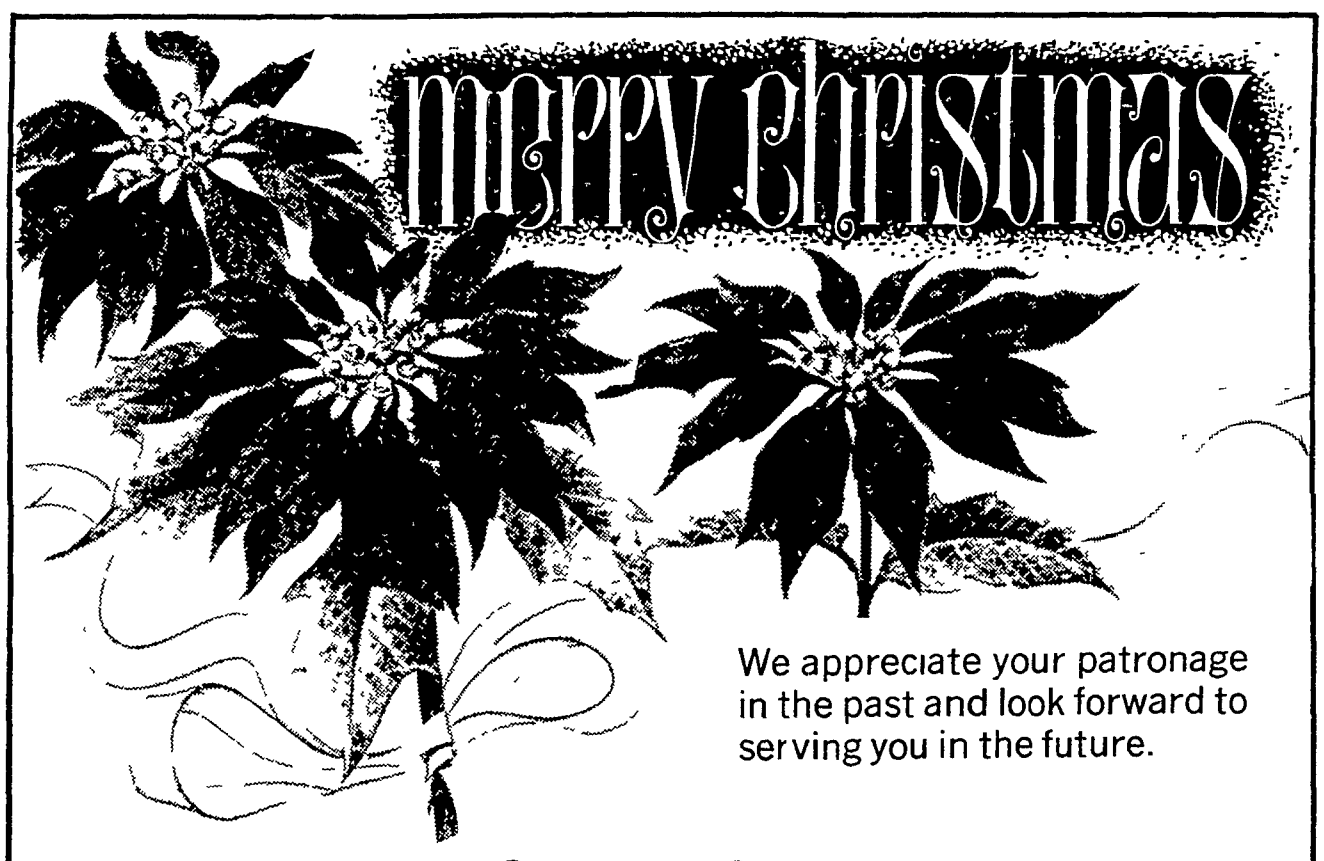
Holstein Heifer Calves to 145.00, Veal Calves to 89.00; Bobs, 90-110 lbs 70 00-88 00, Bobs, 80 and down lbs 55 00-65 00, Grassers & Feeders 45 00-90 00, Lambs 52 00-57 50, Sheep 12 00-31 00, Hogs, 200-250 lbs. 38 00-46 00, Sows 32 00-38 00, Boars 30 00-34 00, Pigs 8.00-19 00, Heifers 42 00-47 50, Steers no market established; Steers, feeder 52 00-68 00; Bulls 49 50-57 75; Cows, utility 45 00-47 25, Cows, fat 40 00-44 00. Cows, medium 39 00-41 00, Cows, poor or small 32.00-38 00, Horses to 510.00; Ponies to 222 50, Goats none

A Merry Christmas and Prosperous New Year

FROM ALL OF US TO ALL OF YOU—

Clay Aument
Harry I Bear
James Blessing
Henry A Brown
Henry R Brown
James C Dunlap
Walter M Dunlap, Jr
Louis L Edwards
Enos K Good
Glenn C Hart
Leon G Hoover
Lloyd E Hoover
Lois L Hoover
Walter Kellenberger
Roy H Lefever
J Albert Nagle
Ivan H Nolt
Donald E Ober
Reba M Ober
Horace R Plank
Thelma A Plank
James Ream
Titus G Reiff
George B Simmerman, Jr
Kenneth L Smoker
Samuel Somerfield, Jr
Earl M Stoudt
Steven W Strauss
George Warfel
Lucy Warfel
Lee Witmer

WALTER M. DUNLAP AND SONS

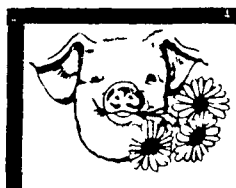


We appreciate your patronage in the past and look forward to serving you in the future.

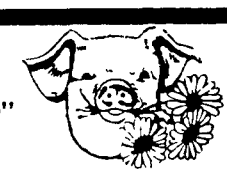
HOLIDAY HOURS:
OPEN MONDAY, TUESDAY, WEDNESDAY
7:00 A.M. to 12:00 Noon

Penn Packing Buying Station

At Green Dragon Market
1 Mile North of Ephrata on North State Street
717-733-9648



"Since 1959"



PORK CHOP FARM
RD#2 Box 122
New Holland, Pa. 17557
717-354-9557

- Brucellosis Free Herd 127
- Entire herd tested
- Pseudorabies Free Herd 20
- Lepto Free and T.B. Negative.

We would like to take this opportunity to thank our friends old & new and wish Happy Holidays to everyone.

"Chester Whites" — "The Durable Mother Breed"

Production Sale for 1981
June 12 November 13

Livestock market and auction news

THE OLD FARMER'S ALMANAC

DEC. 22-28, 1980

Hear the Christmas bells from hill to hill.

Write that letter to an old friend now Robin became national bird Dec 27, 1960 Average length of days for the week, 9 hours, 4 minutes . USS *Pueblo* seized Dec. 23, 1968 Chewing gum patented Dec. 28, 1869 . *Merry Christmas and be of good cheer, things will be better next year*

Ask the Old Farmer: I have always wondered about the meaning of the folk song, 'Jimmy cracked corn and I don't care " Can you enlighten me? M T , Troy, N.Y

We believe the song originated in the Deep South. One of the meanings of the word "crack" is to open a bottle. "Corn" is identified with homemade whiskey

Home Hints: To remove mildew, wet the article and rub with a mixture of one-half chalk and one-half soap Place in the sun until mildew is gone

OLD FARMER'S WEATHER FORECASTS

New England: Clearing, very cold, snow flurries through midweek; weekend is sunny and mild.

Greater New York-New Jersey: Cold, cloudy, few showers begin the week; then rainy and mild by week's end.

Middle Atlantic Coastal: Most of week is cold and cloudy, then light showers, snow in mountains for weekend.

Piedmont & Southeast Coastal: *Sunny and cold at week's start, middle through end of week brings heavy rain*

(All Rights Reserved Yankee, Inc Dublin, N H 03444)

Oklahoma Cattle

Thursday, December 18
Report supplied by USDA

Thursday Feeder Cattle Auction and weekly summary estimated receipts 5000. Same day last week 5838. moderately active; Feeder Steers generally steady; Feeder Heifers steady to 1.00 lower. Majority receipts Medium Frame No. 1 and Mixed No. 1-2 300-700 lb. Feeder Steers and 300-600 lb. Heifers. Quality not as desirable as seen in past few weeks with a higher than normal percentage of mixed 1-2 lots. Fairly large buyer attendance.

FEEDER STEERS: Medium Frame No. 1 300-400 lb. 82.50-88.50, mostly 84.00-88.50, lot 362 lb. 89.50; few 400-450 lb. 81.25-84.00; few 465-500 lbs. 77.00-78.00; two lots 531-537 lb. thin 80.20-80.50; lot 573 lb. 78.00; 600-700 lb. 71.50-73.25, package 635 lb. thin 79.75; few 730-850 lb. 70.75-71.25; package 930 lb. very fleshy 63.75. Medium Frame No. 1-2 300-400 lb. 79.50-83.00; 400-500 lb. 77.00-79.50; 500-615 lb. 69.75-73.75, lot 613 lb. thin 74.70; 700-765 lb. 68.00-69.00. Large Frame No. 1-2 lot 418 lb. 82.00; part load 758 lb. 68.10. Medium Frame No. 2 lot 265 lb. 74.75; lot 398 lb. 77.50. Large frame No. 2 350-500 lb. 73.00-77.50; lot 665 lb. 63.50. Large Frame No. 2 Holsteins 600-650 lb. 60.00-61.50; 820-850 lb. 54.50-55.50.

FEEDER HEIFERS: Medium Frame No. 1 300-400 lb. 67.25-69.00; 400-500 lb. 65.00-68.00, lot 445 lb. 69.00; 500-625 lb. 62.00-67.00, mostly 63.50-66.00; few 720-750 lb. 60.00-63.20. Small Frame No. 1 335-525 lb. 61.00-64.50. Medium frame No. 1-2 300-400 lb. 64.00-68.50; 400-500 lb. 61.00-66.75; part load 438 lb. thin 67.25; 500-600 lb. 61.50-62.75. Medium and Large Frame no. 2 lot 218 lb. 67.00; 300-500 lb. 60.00-64.00; package 541 lb. 59.80.

FOR THE WEEK: Feeder Steers over 600 lb. and Heifers over 500 lb. steady Steers under 600 lb. and Heifers under 500 lb. 1.00 to 3.00 higher Slaughter Cows 1.00-2.00 higher with late sales of Utility and Commercial 2-3 40.75-45.50, few Hositeins up to 46.60; Cutter 1-2 39.50-42.75 Slaughter Bulls closed the week generally steady; Yield Grade 1-2 1350-1525 lb. 48.75-53.25; three head high dressing yield grade 1 1635 lb. at 60.00. Salable receipts this week near 15,200 head compared with 15,662 head last week. Feeder Steers and Heifers totaled 13,800 head (91%) of the weeks receipts; Cows and Bulls 1500 (9%).

Central U.S. Carlot

Wednesday, December 17
Report supplied by USDA

Compared to Tuesday's 4:30 report: Steer and heifer beef 1.00 higher. Demand light to moderate with most interest from packers with processing units, while other processors and retail outlets are showing limited interest. Offerings limited and trading light to moderate. Sales reported on 104½ loads of steer and heifer beef.

STEER BEEF
95 Loads
FOB Omaha Basis

Choice 3: 550-900 lbs. 100.00-101.00, mstly 101.00, 1.00 higher.

Choice 2-3: 500-700 lbs. YG 3 99.50-100.50, YG 2 100.50-102.50.

Choice 4: 600-900 lbs. 89.00.

Good 2-3: 600-900 lbs. 98.25, 1.00 higher.

FOB Amarillo Basis

Choice 3: 600-900 lbs. 101.00.

Choice 2-3: 500-700 lbs. YG 3 102.00-104.00; YG 2 104.00-105.00.

Choice 4: 600-850 lbs. 91.00-92.00, mstly 91.00.

HEIFER BEEF
9½ Loads
FOB Omaha Basis

Choice 3: 550-700 lbs. 99.00, 1.00 higher.

Choice 4: 500-700 lbs. 89.00.

Good 2-3: 500-700 lbs. mstly 550-700 lbs. 96.00-97.00, 1.00 higher

FOB Amarillo Basis

Choice 4: 500-700 lbs. 91.00.

Canner and cutter cow beef 3.00-3.50 higher.

COW BEEF
3 Loads
FOB Omaha Basis

Utility 500 & up lbs. 73.00 (West), (BRKG) 3-4.

Canner & Cutter 350 & up lbs. 87.50 (Midwest) 3.00-3.50 higher 1-2.

BULL BEEF
1 Load
FOB Omaha Basis

Bull 500/up lbs. 92.00 West Coast.

PRIMAL BEEF CUTS
9 Loads
FOB Omaha Basis

HINDS (H): 120-170 lbs. 110.00.

FORES: 130-210 lbs. 90.00-93.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
8 Loads
FOB Omaha Basis

50% chem lean fresh 61.00.

50% chem lean frozen 63.00.

FOB Amarillo Basis

50% chem lean frozen 65.00 T.I.S.

Compared to Tuesday's 2:15 report: Fresh pork loins 14-17 lbs. steady-1.50 higher for next week shipment, immediate ship weaker undertone noted, 17-20 lbs. loins steady-2.00 lower. Fresh hams 14-17 lbs. 7.50 lwr., 17-20 lbs. 2.00-3.00 lower. *Sdls Bellies steady-1.00* lower. Trading and demand moderate. Sales reported on 66 loads and 12 loads of trimmings and variety meats.

FRESH PORK CUTS

LOINS: 14/dn lbs. 89.00-89.25, late & next week shipment; 14-17 lbs. 87.00-88.25, steady-1.50 hghr., late & next week shipment; 17-20 lbs. 85.50 immediate shipment, steady-1.00 lwr; 17-20 lbs. 88.50 clear channel; 17-22 lbs. 85.50 immediate ship, steady-2.00 lower.

SPARERIBS: 3/dn lbs. 88.00-91.00; 3-5 lbs. 81.50-82.00.

SKINNED HAMS: 14-17 lbs. 80.50, 7.50 lower; 17-20 lbs. 77.00, 2.00-3.00 lower.

BELLIES, SDLS: 12-14 lbs. 52.00-53.50, steady-1.00 lower; 14-16 lbs. 53.00, steady-1.00 lower; 16-18 lbs. 51.00, 1.00 lower; 18-20 lbs. 48.00, 1.00 lower.

BNLS CT BUTT: 1½-3 loads 115.50.

VARIETY MEATS

LIVER, DOMESTIC: 18.00.

STOMACHS: Lrg. box 17.00; Sm. box 20.50.

PORK TRIMMINGS
BONELESS PROCESSING PORK
(Chemical Lean)

42% lean trimmings frzn 43.50.

42% lean trimmings frzn 44.00 T.I.S.

72% lean trimmings fresh 79.00.

72% lean trimmings frzn 80.00-81.00.

Joliet Cattle

Thursday, Dec. 18
Report supplied USDA

CATTLE: Friday through Wednesday's salable receipts 5,800 slaughter cattle, 5 days last week 7,082 slaughter cattle, feeder cattle 597, same period a year ago 5,977. Trading slow on Monday; moderately active on Wednesday. Slaughter steers & heifers ended the week mostly steady compared with Wednesday of last week. Cows ended the week firm to 1.00 higher.

SLAUGHTER STEERS: Mixed high Choice and Prime 3-4 1150-1300 lb. 63.00-64.00 Monday; 64.50-65.00 Wednesday; YG 4-5 1150-1325 lbs. 61.00-62.00 Monday; 63.50-64.50 Wednesday. Choice 2-3 1150-1300 lb. 64.00-64.25, 1 load 65.00 Monday, 1 load 65.50 Wednesday. Choice 2-4 1050-1300 lb. 62.50-64.00 Monday; 63.50-65.00 Wednesday. Mixed Good and Choice 2-3 1000-1250 lb. 61.50-63.50 Monday; 62.50-64.00 Wednesday.

SLAUGHTER HEIFERS: Mixed Choice and Prime 3-4 950-1100 lb. 62.50-62.75, Load 63.00 Monday; 63.75-64.00 Wednesday; YG 4-5 900-1150 lb. 59.50-61.00 Monday; 62.00-63.50 Wednesday. Choice 2-3 1050-1075 lb. 3 loads 63.50 Monday. Choice 2-4 900-1050 lb. 61.00-62.50 Monday, 62.50-63.50 Wednesday. Mixed Good and Choice 2-3 800-100 lb. 60.00-62.00 Monday; 61.00-62.50 Wednesday.

COWS: Cutter & Utility 1-3 36.00-41.00 Monday; 37.00-42.00 Wednesday.

Season's Greetings

48% SOYBEAN MEAL

$289.50 PER TON

CASH PRICE

FOB OUR MILL

DELIVERY TOO!

CALL 717 422-4169

WALKER COMPANY
GAP
PENNSYLVANIA

SPECIAL NOTICE
VINTAGE SALES STABLES, INC.
Will have all regular sales except we'll be CLOSED CHRISTMAS
Merry Christmas
From all of us at
Vintage Sales Stables, Inc.
L. Robert Frame & Family

HAULING NATIONWIDE
Ray R. Harbold
Rd 1 Box 95
Hershey, PA 17033
PH: 717-964-2248
or 717-569-2061

HOLIDAY SCHEDULE
FOR
NEW HOLLAND
SALES STABLES, INC.
New Holland, Penna.
Monday, Dec. 22 - Sale as usual
Wed., Dec. 24, Christmas Eve - No Sale
Thurs., Dec. 25 - Merry Christmas
Wed., Dec. 31 - Sale as usual
Thurs., Jan. 1 - Sale as usual

CHRISTMAS
At this time of year when our minds are especially occupied with the thoughts of gifts, may we take time to realize that we have the greatest gift of all to share with the world, the message of Life, Peace and Joy, available to all through our Lord Jesus Christ
B & R CATTLE CO.
John Bowman Ron Ranck
RD 1, Marietta, PA
Office Phone: (717) 653-8164

MERRY CHRISTMAS
Filled with a happy holiday glow knowing we have so many good friends! Thanks all!
GREEN DRAGON LIVESTOCK SALES
Walter & Joyce

Livestock market and auction news

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, December 16
Report supplied by PDA

CATTLE 133. Compared with last Thursday's market, slaughter cows strong to $2 higher. Few High Choice & Prime 3-4, 1225-1375 lbs. slaughter steers 68.10-69.10, Choice 2-4, 1005-1370 lbs. 64.75-68.50, few Good 60.00-65.75, few Standard 57.25-61.25. Individual Choice slaughter heifer at 62.00, few Good & Choice 55.25-60.25, one Standard at 49.00. Utility & Commercial slaughter cows 47.00-49.50, few 52.00, few low yielding 44.00-46.50, Cutters 44.00-47.00, Canner & Low Cutters 39.50-43.75, Shells down to 34.00. Two Standard slaughter bullocks 55.50 and 56.00. Individual Yield Grade #1, 1760 lbs. slaughter bull at 62.50.

CALVES 170. Vealers steady to $1 higher. Few Choice vealers 90.00-107, few Good 78.00-87, Standard & Good 90-120 lbs. 68.00-75, 60-90 lbs. 60.00-68.50, few Utility 50-100 lbs. 45.00-59.00. Farm Calves: Hol. Bulls 80-120 lbs. 90.00-111; Hol. Heifers 85-145 lbs. 116.00-155, one 180.00.

HOGS 114. Barrows and gilts 50 cents-$1 lower. US No. 1-2 220-250 lbs. barrows and gilts 47.00-47.50, lot 48.10, No. 1-3 2-235 lbs. 46.50-47.25, lot No. 2-3 215 lbs. at 45.00. Sows uneven. US No. 1-3 290-660 lbs. sows 40.50-43.00, no. 2-3 290-590 lbs. 35.75-40.00. Few Boars 30.00-34.00, few Utility 220-360 lbs. 30.00-36.00.

FEEDER PIGS 37. US No. 1-3 25-55 lbs. feeder pigs 43.00-47.00 per hundredweight, lot Utility 15 lbs. at 24.00 per hundredweight.

SHEEP 1. Individual Slaughter ewe at 35.00.

BEEFALO FOR SALE
-Semen in stock
-½, ¾, 7/8 - animals
BEEFALO N & J
4270
Quakerbridge Rd.
Princeton, NJ 08540
609-896-0336

PIGS
STATE GRADED SALE
FRI., DEC. 26
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK AUCTION
Westminster, Md
Phone (301) 848-9820

Leesport Auction

Wednesday, December 17
Report supplied by PDA

CATTLE 217 Compared with last week's market, slaughter steers steady to strong. Slaughter cows $1-$1.50 higher. Choice 1000-1285 lbs. slaughter steers 66.00-68.00, few 68.75, Good 62.00-64.85, Standard 55 00-59.25, Utility 52.25-54.75. Choice 950-1230 lbs. slaughter heifers 63.00-65.85, individual 66.50, one Good at 58.25, few Standard 55.00-56.25. Utility & Commercial slaughter cows 47.50-49.35, few 53.50, Cutters 44.75-49.00, few Canner and Low Cutters 41.75-43.50. Good slaughter bullocks 63.25-69.75. Few Yield Grade #1, 1250-1580 lbs. slaughter bulls 57.35-61.50. Large Frame #2, 350-550 lbs. feeder steers 49.00-56.50, 660-1050 lbs. 48.25-51.00. Few Medium Frame #1, 600-750 lbs. 62.00-68.00.

CALVES 148. Vealers steady to strong. Choice vealers 90.00-92.00, Good 70.00-87.00, Standard and Good 90-110 lbs. 65.00-71.00, 70-85 lbs. 60.00-68.50. Farm Calves: Hol. Bulls 90-130 lbs. 80.00-114.00; (mostly 90.00-112.00); Hol. Heifers 90-135 lbs. 92.50-137.50.

HOGS 428. Barrows and gilts strong, mostly $1 higher. US No. 1-2 2-240 lbs. barrows and gilts 47.50-48.10, No. 1-3 2-250 lbs. 46.00-47.75, few No. 2-3 230-290 lbs. 44.50-46.00, No. 1-3 150-185 lbs. 40.00-42.00. Sows $1-$1.50 lower. US No. 1-3 3-600 lbs. sows 39.50-44.00, individual 45.00.

FEEDER PIGS 208. US No. 1-3 25-50 lbs. feeder pigs 65.00-81.00 per hundredweight, No. 1-3 50-80 lbs. 56.00-62 00, Utility 30-50 lbs. 53.00-60.00 CWT

SHEEP 34. Choice 80-115 lbs. wooled slaughter lambs 58.00-62 00, individual 65.00, few Utility 50-60 lbs. 60.00-66.00. Slaughter (few) sheep 17.00-30.00, Choice 40-50 lbs. new crop lambs 112.00-150.00, few 65-70 lbs. 86.00-95.00. 6 head Goats. Few Large goats 37.00-47.00 per head.

Middleburg Auction

Tuesday, December 16
Report supplied by PDA

CATTLE 136. Low Choice 2-4, slaughter steers 1020-1390 lbs. 65.60-68.25, Good 63.25-65 50, few Standard 55 50-62.50. Few Choice slaughter heifers 61.35-65 00. Utility & Commercial slaughter cows 43.00-47.35, few 50.00, Cutters 40.00-43.85, Canner and Low Cutters 39.00-43 75. Few Yield Grade No. 1, 1200-1740 lbs. slaughter bulls 52.75-59 60. Few Large Frame #2, 340-360 lbs. feeder steers at 60.50.

CALVES 130. Few Choice vealers 79.00-93.00, few Good 77.00-84.00, Standard and Good 70-95 lbs. 62.50-68.50, few Utility 60-90 lbs. 50.00-60.00. Farm Calves: Hol. Bulls 80-120 lbs. 68.00-92.00, couple 111.00; Hol. Heifers 100-130 lbs. 100.00-155.00.

HOGS 516. US No. 1-2 210-235 lbs. barrows and gilts 47.00-48.00, few 49.10, No. 1-3 190-250 lbs. 46.00-47.00, No. 2-3 190-270 lbs. 44.00-47.00. US No.1-3 250-450 lbs. sows 37.50-43.00, No. 2-3 330-415 lbs. 28.50-37.50. TUES. 12/16/80—81 HOGS. US No. 1-3 2-250 lbs. barrows and gilts 45.60-48.35.

FEEDER PIGS 244. US No. 1-3 20-35 lbs. feeder pigs 12.00-25 00 per head, No. 1-3 35-50 lbs. 23.00-35.00, No. 1-3 50-75 lbs. 33.00-37.00 per head.

SHEEP 14. Few Choice 80-105 lbs. wooled slaughter lambs 53.50-57.00, couple to 62.00.

Lancaster Feeder Cattle

Friday, December 12
Report supplied by USDA

Today	417
Last Friday	349
Last Year	1043

TREND: Insufficient volume for a full market test. Bulk of supply sold in lots of four or less in a clean-up trade. Couple lots Medium frame #1 feeder steers 640-775 lbs. 62.50-63.25, couple lots 835-855 lbs. 61.75-62.50; couple lots Large frame #2 870-890 lbs. Holsteins 45.60-48.00. One lot Medium frame 1-2 310 lbs. Feeder Heifers 51.00.

New Holland Horse

Monday, December 15
New Holland Sales Stables
Report supplied by auction

Reported receipts of 274 head of horses, mules, and ponies Market steady.

2 Loads of riding Ky saddlebred 700.00-1250.00, one to 1400.00; 2 Loads of driving standbred 650.00-1250.00; One pair of draft 2300 00.

Local Work horses 500.00-1025.00; Driving horses 400.00-800.00; Riding horses 325.00-770.00; Lightweight killers 300.00-450.00; Heavyweight killers 450.00-800.00; Colts 25.00-50.00; Geldings 100.00-150.00; Larger ponies 150.00-250.00.

New Holland Dairy

New Holland, Pa.
Wednesday, December 17
Report supplied by auction

Reported receipts of 87 cows, 54 heifers, and 1 bull.

2 loads of NY cows, 1100.00-1600.00, one purebred to 21.00, springers 900.00-1300.00; Load of W. Pa. springers, 650.00-1050.00.

Locally consigned cows 700.00-1100.00, few good to 1600.00; Springing heifers 900.00-1300.00; Open heifers 200.00-600.00, one purebred at 875.00.

Chambersburg Auction

Friday, December 19
Report supplied by PDA

CATTLE: 349. Slaughter steers steady to strong. Sl. cows: 2.50-4.50 higher. Sl. steers: Choice No. 2-4, 900-1175 lbs. 65.00-68.25, couple to 70.00; Good 59.00-63.00; Standard 53.00-58.50 Sl. cows Utility & Commercial 45.50-49.50; Cutters 43.00-47.75; Canner & L. Cutter 39.00-44.25; Shells down to 37.50. Sl. bullocks: few Choice 61.25-66.75; few Standard 55.25-58.00. Sl. bulls: Yield Grade No. 1, 1200-1700 lbs. 55.50-64.60.

FEEDER CATTLE: Steers, few Large Frame No. 2, 325-600 lbs. 54.50-60.50.

CALVES: 525. Standard & Good 70-90 lbs. 3.00-4.00 higher. Few Prime 107.00-110.00; few Choice 90 00-98.00; few Good 78.00-89.00; 70-95 lbs. 65.00-74.00; few Utility 75-135 lbs. 55.00-64.00.

FARM CALVES: Hol. Bulls 85-130 lbs. 85 00-127.50, mostly 95.00-120.00; Hol. Heifers 85-120 lbs. 85.00-140.00

HOGS: 87. Barrows and gilts .25-50 lower. Few lots No. 1-3 2'0-245 lbs. 45.50-45.75; few lots No. 2-3 250-285 lbs. 43.10-45.00; US No. 1-3 300-500 lbs. 39.00-42 00; few No. 2-3 500-700 lbs. 33.00-36.75. Few Boars 33.00-34.75.

FEEDER PIGS 70. US No. 1-3 20-45 lbs. 10.50-23.00.

SHEEP: 10. Few Choice 60-110 lbs. 52.00-58.50.

Pa. Auction Summary

Friday, December 19
Report supplied by PDA

13 Markets (Headages on 14)

CATTLE: 4032. Compared with 5211 head last week, and 4347 head a year ago. Compared with last Fri.'s market: Slaughter steers mostly 1.00-2.00 higher; Sl. bulls & heifers mostly steady; Sl. cows .50-4.00 higher; Sl. bullocks steady to strong. Sl steers: High Choice & Prime No. 3-4, 68.00-71.75; Choice No. 2-4, 66.00-68.85, few 73.00; Good 59.00-65.75; Standard 55.00-59.00. Sl. heifers: Choice 62.00-65.00; Good 55.00-62.00; Standard 52.00-56.00. Sl. cows: Utility & Commercial 45.00-50.50; Cutters 43.00-47.75; Canner & L. Cutter 39.00-43.75; Shells down to 30.00. Sl. bullocks: Choice 64.00-69.00; Good 57.00-65.00; Standard 55.00-58.00. Sl. bulls: Yield Grade No. 1 1000-2200 lbs. 55.00-64.00; Yield Grade No. 2 900-1600 lbs. 52.00-58.00.

FEEDER CATTLE: Steers, Medium Frame No. 1 300-750 lbs. 55.00-68.00; Large Frame No. 2, 300-550 lbs. 49.00-56.50, few 60.50.

CALVES: 3534. Compared with 4104 head last week and 3596 head a year ago. Vealers steady - 3.00 higher. Few Prime 102.00-110.00; Choice 90.00-107.00; Good 75.00-90.00 90-120 lbs. 68.00-75.00; 60-90 lbs. 60.00-68.50; Utility 50-110 lbs. 50.00-60.00.

FARM CALVES: Hol. Bulls 80-130 lbs. 70.00-127.00, mostly 85.00-100.00; Hol. Heifers 80-150 lbs. 70.00-177.50, mostly 100.00-155.00.

HOGS: 6285. Compared with 7012 head last week and 9173 head a year ago. Barrows and gilts uneven. US. No. 1-2 200-240 lbs. 46.50-48.25, No. 1-3 200-250 lbs. 45.75-47.00; No. 2-3 200-280 lbs. 44.00-46.00; No. 1-3 140-190 lbs. 40.00-44.00; Sows US

(Turn to Page A12)

HAY AUCTION
EVERY FRIDAY - 1:30 P.M.
HORSE AUCTION - 7:30 P.M.
BEIL'S SALES
1 Mi. North of York Springs on Rt. 15
717-334-7224, David W. Martin

SATURDAY, DECEMBER 27
ON THE FARM MONTHLY
BRED GILT SALE
Sale to start promptly at 1:00
Every 4 weeks
Located 18 miles south of Lancaster, PA, 6 miles south of Quarryville, take Rt. 272 to Little Britian, turn north, follow Little Britian Rd. to Jackson Rd. 2nd farm, OR Take Rt. 222 out of Quarryville to Cedar Hill Rd. to Little Britian Rd. to Jackson Rd. Watch for sale arrows.
50 to 60 Head
more or less
2 & 3 Way Crossbred Gilts
York & Hampshire & Duroc
Due to farrow 3 days to 4 weeks after sale date. Now everything vaccinated for both Lepto & Erysipelas, wormed and sprayed for lice.
Local trucker available.
No hogs sold on commission.
CHRIST A. BEILER
RD 2, Quarryville, PA
JOHN B. STOLTZFUS
Abe Diffenbach
Auctioneer
NEXT SALE DATE - FRIDAY, JAN. 23

CHRISTMAS

At this glittering time of the year we send wishes for your happiness, glowing with bright hope for the future.

We look forward to serving you again

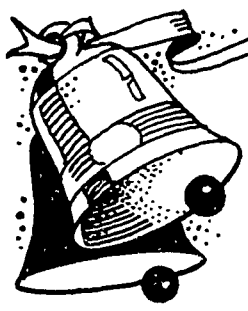
FROM THE STAFF AND MANAGEMENT OF NEW HOLLAND SALES STABLES, INC.

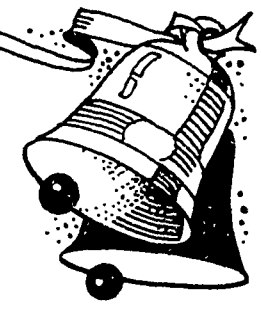
Green Dragon Livestock Sales
1 mile North of Ephrata, PA

COWS COWS COWS
BUYERS FROM 3 STATES
Regular consignments from Bob Kennedy & Ed Stover plus 15 other local consignors.
Lots of good Northern Feeders and Stockers.
SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M. - Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale
For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor

BY CURT HARLER, EDITOR

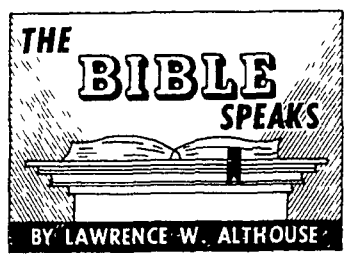
Lancaster Farming says...





May the gifts of peace, joy and love be yours at Christmas

Lancaster Farming's management and staff



A NAME FOR THE CHILD

December 21, 1980

Background Scripture:
Matthew 1:3 through 2:23.
Devotional Reading:
Isaiah 9:2-7.

Eight hundred years before the birth of Jesus of Nazareth occurred an event in Judah that the writer of Matthew would later view as a revelation of Jesus the Messiah. Ahaz was on the throne of Judah and Isaiah was God's prophet. The tiny kindgom was once again in danger of annihilation by its enemies Syria and Ephraim, (Israel), and Ahaz and his people were struck with terror: "...his heart and the heart of his people shook as the trees of the forest shake before the wind" (Isaiah 7:2).

Ask A Sign Of The Lord

So God sent Isaiah to Ahaz to reassure him and his people that they would be saved. But apparently King Ahaz was not comforted by the prophet's words, so Isaiah says to him: "Ask a sign of the Lord your God; let it be as deep as Sheol or as high as heaven" (Isaiah 7:10). But Ahaz, whose faith had withered, refused to do so.

Thus, Isaiah proclaimed, since Ahaz would not designate a sign, God himself would give one to him: "Behold, a young woman shall conceive and bear a son, and you shall call his name Immanuel" (7:14). Before the child should reach maturity, the Lord would defeat Judah's enemies, because Ahaz's lack of faith, an even greater ordeal would befall him and his nation. Those who believed in God's sign would be saved, while those who doubted would suffer greatly.

We don't know who was the "young woman" who conceived and bore a son. Some believe it was one of Ahaz's wives, while other think it may have been the wife of the prophet. At any rate, it was a young woman known to both the prophet and the king and the conception and birth of a child would be under circumstances that would make the event discernible as a sign to those with faith.

"God With Us"

Even more significant, however, would be the child's name: **Emmanuel**, meaning "God is with us." This was the message God was bringing his people through Isaiah: God is with you! Therefore, do not be afraid! Trust in God! The child would symbolize God's assurance that he would save his people if they trusted in him.

Eight centuries later the people of the newly-born church saw the birth of Jesus as the ultimate fulfillment of this event. As the birth of that unknown 8th century BC child was a sign and challenge to Judah, so the birth of Jesus was a sign and challenge to the whole world that God was fulfilling his promises of old.

To the people of Judah the name Emmanuel was a reminder that God would be with them in their national struggle. To Christians, however, the name Emmanuel is even more meaningful, for, in this child, Jesus, God was and continues to be present to all who in faith receive him.

NOW IS THE TIME

By Max Smith, Lancaster County Agricultural Agent
Phone 394-6851

TO BE POSITIVE FOR THE FUTURE

This time of the year many of us are wondering what lies ahead for agriculture and the farmer. The farm press is full of articles about the future and how the American farmer is going to cope with all the problems. I'm sure that we all realize there are major problems confronting our farmers, such as high interest rates, higher costs of all inputs, surpluses, and depressed market prices. However, we have always had problems in agriculture and no doubt they will continue in the future. On the other side of the coin, we have a growing demand for most of our farm products, both domestic and abroad, and a greater recognition of the contribution of the farmer. If all farmers will make a special effort to do a better job of management and planning, and take a positive attitude of success and survival, they will be more successful and contented.

TO KEEP SMALL PIGS WARM

The pork enterprise continues to be popular and one with a bright future. The finishing of hogs is very important in this part of the state and most folks have to start with small feeder pigs. During the cold winter months these small pigs must be kept warm; this often means supplemental heat in the finishing barn. If these small pigs get cold and pile up, there will be numerous health problems. Hovers over their sleeping area can help along with extra insulation above and around them. Temporary heat units will help in extremely cold weather. The important thing is not to let them get cold at any time.

TO BEWARE OF MANURE PIT GASES

All livestock operators with the liquid manure pit system of manure storage must be aware of the extreme dangers of toxic gases from the pit. With proper ventilation and routine daily management there should be little trouble. However, at cleaning time there are many potential hazards. When the manure mixture is disturbed, or agitated, these gases develop rapidly and must be regarded as lethal. Even in open-fronted hog finishing barns we have heard of the hogs above the slats being killed. This can depend upon the location of the barn and the wind direction. Extra air movement in the barn might be needed during calm weather. Along this line, it is still stongly suggested that the pits be emptied during clear, windy days; this is better for the animals in the barn, the farmer, and the folks in the community. Pits that are empty, or partly empty, should not be entered with out the wearing of a good respiratory system. These gases can kill man or beast.

TO PLAN FOR MAXIMUM CORN ACREAGE

Current reports indicate that our annual grain production is very important; with bad weather and poor grain yields we could be in serious trouble with grain inventories. Therefore, it appears that all feed grains are going to be in strong demand for several years in the future. Corn is particularly very much in demand and appears to be a crop that could be very profitable in the next several years. Our domestic demand is strong, the alcohol-making program is looking to corn for raw material, and our export demands seem very good. This all adds up to a strong demand for all the corn that we can produce Local livestock and poultry producers that need their feed grains, should plan to produce maximum amounts rather than have to buy at higher prices.

CHRIS CLOVER

HOW MUCH MONEY DO YOU HAVE?
$3.58. WISH WE HAD MORE. WE WOULD LIKE TO SEND OUR 4-H LEADER TO DISNEY WORLD FOR CHRISTMAS
GEE, MAYBE SHE WOULD TAKE ME ALONG!

Farm Calendar

Monday, Dec. 22
Milk Security Act hearing, 10 a.m., Room 309, Ag Building, Harrisburg.
Bridge weights meeting. Refton Fire Hall, Rt. 222, 7:30 p.m.

Thursday, Dec. 25
HAPPY CHRISTMAS

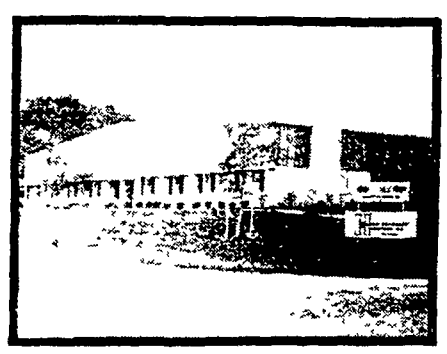
TO ALL OUR CUSTOMERS AND FRIENDS

All of us at Hershey Equipment would like to take this opportunity to say "Thank You" for permitting us to be of service to you.

Our sales, service, and management staff count it a real privilege to continue serving your poultry, livestock and grain system needs. No job is too large or too small. Our dedicated staff is at your service.

Our wish for all of you is a Merry Christmas and a New Year filled with Health, Happiness, and Prosperity.

FROM THE MANAGEMENT AND STAFF OF HERSHEY EQUIPMENT COMPANY



HERSHEY EQUIPMENT COMPANY, INC.

SYCAMORE IND. PARK
255 PLANE TREE DRIVE
LANCASTER, PA. 17603
(717) 393-5807

Livestock market

(Continued from Page A9)

No. 1-3 300-585 lbs. 37.50-43.00, few 46.25; No. 2-3 300-650 lbs. 28.50-40.00. Boars 27.00-36.00.

FEEDER PIGS 1431. Compared with 1843 head last week and 1835 a year ago. Unevenly steady. US No. 1-3 20-35 lbs. 10.00-25.00 per head; No. 1-3 35-50 lbs. 16.00-33.00; few No. 1-3 50-80 lbs. 33.00-37.00.

GRADED FEEDER PIGS: 2204. Compared with 4534 head last week, and 2976 head a year ago. All sales by CWT. Feeder Pigs mostly 5.00-16.00 higher. US No. 1-2 25-40 lbs. 68.00-95.00, 40-50 lbs. 73.00-87.00, 50-60 lbs. 62.00-77.00, 60-70 lbs. 55.00-74.00. US No. 2-3 40-60 lbs. 56.00-73.00, 60-70 lbs. 55.00-74.00. US No. 2-3 40-60 lbs. 56.00-73.00, 60-70 lbs. 56.00-59.00.

SHEEP: 707. Compared with 712 head last week and 539 head a year ago. Wooled sl. lambs steady - 2.00 lower. Choice 65-115 lbs. 53.00-62.00, few to 70.00; Good 40-90 lbs. 45.00-55.00, few 63.00. Sl. ewes: 14.00-33.00.

Offers new combine heads

NEW HOLLAND — New crop heads for Sperry New Holland Twin Rotor combines include rigid cutterbar direct-cut units to 30-feet wide, eight-row corn heads and flexible cutterbar bean heads to 20-feet wide.

The new low-profile corn heads feature aggressive cast iron stalk rolls to minimize the trash entering the combine to boost shelling capacity. Rolls have "live" points and are placed close to the large diameter transfer auger for more positive ear-to-auger delivery. Adjustable for row width, the new heads are offered in four-, five-, six- and eight-row options.

Direct-cut small grain rigid cutterbar headers are offered in 13, 15, 16, 18, 20, 24 and 30 foot widths. Auger diameter has been increased to 24 inches. The 24 and 30-foot headers feature dual counter-stroking sickle drives to reduce sickle drive stresses and minimize vibration.

TR-95 with 8-row corn head

The new flexible cuttebar bean heads are offered in 13, 15, 16, and 20 foot sizes. The 20-foot bean head uses the twin sickle drive design also used on the large rigid cutterbar heads.

AAM farmers meet, push for higher parity

PUEBLO, Colo. — Several thousand farmers with the American Agriculture Movement met last weekend in Pueblo, Colorado for their second annual "Grass Roots' Convention.

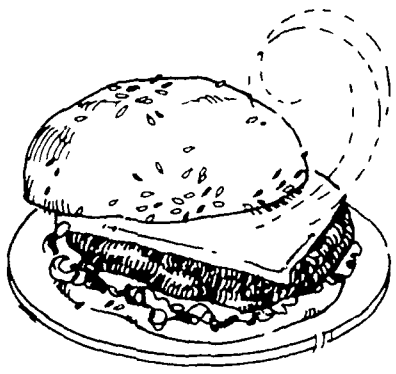
The AAM drove tractors to Washington, DC during the winter of 1979, and crystallized widespread discontent in the U.S. farm community. Over the weekend, the farmers celebrated the defeat of Jimmy Carter, a project the organization started in 1978 with their "Dump Carter" Movement.

The farmers reaffirmed their goal of 100 percent parity prices in the marketplace.

It was resolved to continue the fight for 90 percent parity loan rates which, if implemented correctly, would cost neither the taxpayer nor the government any fiscal expense. Instead, it would be the biggest money-making project for the federal government in recent times, AAM said.

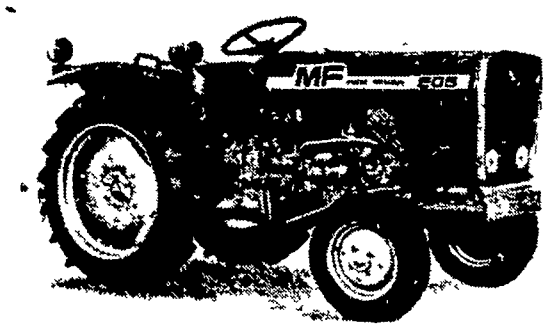
With 100 percent parity prices for all agricultural products, taxes would again be paid, people would go back to work, and the farmers could retool, AAM said.

The AAM members agreed that if the grain embargo is not lifted as promised by the incoming administration, then the American people should be told: "The embargo is due to a shortage situation in the country, and the 90 percent parity loan rates should be implemented immediately as per section 1002 Agriculture Protection Act of 1977." This section would protect the American consumers from food shortages and skyrocketing prices, AAM said.



CHEESE ON BURGERS
a picnic delight

MF Massey Ferguson
TRIPLE SAVINGS
ON MF COMPACT DIESEL TRACTORS



20-30 HP
2 or 4 Wheel Drive

1 FACTORY REBATE — $150.00
2 WAIVER of FINANCE TILL MARCH 1, 1981
3 YEAR END 10% TAX INVESTMENT CREDIT

★ We invite you to come in and compare - take a test drive - handles with ease.
★ Quick-Attach Loaders Available

"SERVICE IS OUR MOTTO"

LAWN CARE OF PA.
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Martindale, PA 17549
1 Mile North of Martindale
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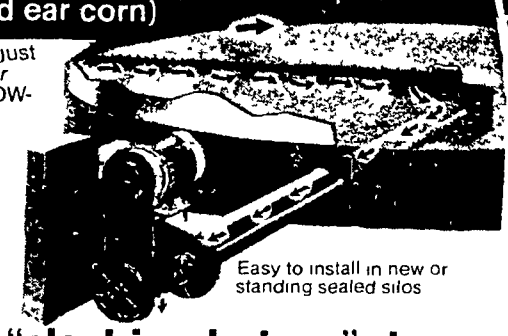
Mon., Thurs., Fri. 8-8
Tues. & Wed., 8-5:30, Sat. 8-2
"A Little Out Of The Way But A Lot Less To Pay"

MASTER-MATIC SILO SYSTEM
FICKES SILO COMPANY, INC.
NEWVILLE, PENNA. 17241
Please send information on Fickes Master-Matic Silo System and Silage Master Silos

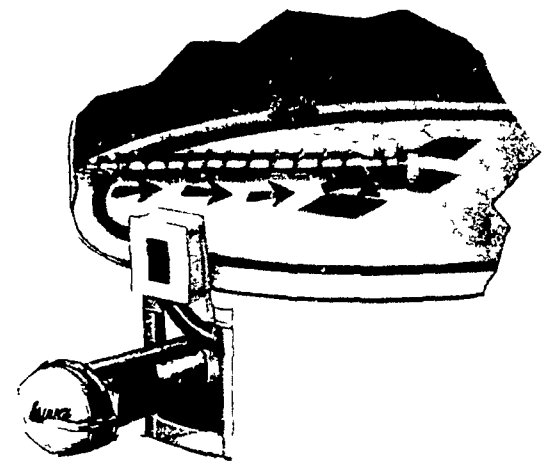
LAIDIG
BOTTOM UNLOADERS
POW-R-SWEEP
auger unloads high moisture grain that won't free flow!
(even ground ear corn)
BOTTOM UNLOADERS

Laidig bottom unloaders do just that! Unload grain from *center to wall all round* the base. POW-R-SWEEP auger makes a 360° cycle. Prevents bridging, reduces spoilage and frozen masses. Ruggedly built for low maintenance. Wide choice of model sizes. Adjustable unloading speeds. Dependable parts and service if and when needed.



Easy to install in new or standing sealed silos

Laidig 98's "slashing knives" rip out forage for sure, no-stall unloading



Tough tungsten tipped knives slash thru tangled or frozen forage to move out the volume you set on controls. Floor-track gear drive at outer end of auger *means positive no-stall unloading*. Laidig design and ruggedness prevents many breakdowns and repair costs often associated with other bottom unloaders. *Insist on a Laidig*

LAIDIG Best name in BOTTOM UNLOADERS

FICKES SILO COMPANY, INC.

LAIDIG Best name in BOTTOM UNLOADERS
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Newville, PA 17241
Phone: 717-776-3129
Silo-Matic FEEDING SYSTEMS

Please Send me information on ☐ Fickes Silos
☐ Please send me literature on Silo-Matic Feeding Systems
☐ Please send me literature on Bottom Unloader Systems
NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE _____

Letters To The Editor

Dear editor:

I was surprised that your editorial on mandatory soil conservation did not include any suggestion of positive incentives to promote soil conservation.

Farmers are not willingly washing away their own most valuable resource, they simply lack the expertise in land management and the financial capability and incentive to correct the problem. The suggestion of a "clean up or else" measure enforced by more regulatory legislation is the wrong approach to the problem.

In essence, this approach dumps the tremendous responsibility of preserving the future food production potential on today's already struggling farmer.

Instead, we need a stronger system of support, both in technology and financial backing to encourage soil conservation. The U.S. Soil Conservation Service needs to spend more time convincing farmers of the benefits of soil conservation programs. More favorable loans for conservation projects should be made available.

Under present SCS guidelines, the farmer still bears too much of the cost of a project that will benefit the society much more than the individual farmer.

I don't know of any farmers who would not participate in a soil conservation program if they were convinced that it would be profitable to do so. In the long run, the society would be the real profiter.

I believe this positive type promotion is a much more practical approach to the problem of soil loss.

Tony Novak
Delaware Valley College

FmHA loans for hydroelectric plants considered

WASHINGTON — Agriculture Secretary Bob Bergland is considering a proposal to permit the U.S. Department of Agriculture's Farmers Home Administration (FmHA) to make low-interest loans to build small hydroelectric generating facilities.

To be made through FmHA's community facilities loan program, the loans would go to communities with populations not larger than 10,000.

Purpose of the proposed change would be to enable small rural communities, many of whom operate their own generating facilities, to stabilize their electricity costs and reduce dependency upon fossil fuels.

The proposal specifies that loans could be made to restore deactivated dams and hydroelectric generators; enlarge or improve existing plants, or construct new facilities.

The action is intended to support the President's small community and rural development policy by making FmHA more responsive to rural energy needs.

Within USDA, the Rural Electrification Administration (REA) has primary responsibility for rural electrification. However, REA authorities restrict its loans to places under 1,500 population. USDA officials have determined that a need for financing exists in places of up to 10,000. FmHA authorities extend to that size community.

The proposal was based in part on public input at meetings, from telephone inquiries and requests for loans from potential applicants, according to a notice in July 24 Federal Register.

FmHA would process loan applications in the same manner as for any other community facility loan, including the determination that other credit is not available at reasonable rates and terms.

FmHA also could finance connecting lines to the nearest practical point of an existing distribution system.

Potential loan applicants would be public bodies, such as municipalities, counties, districts, authorities, or other subdivisions of a state. Nonprofit organizations such as associations and cooperatives also will be eligible if they have legal authority to operate, maintain and finance such facilities.

Comments on the proposal are invited; closing date for these is Sept. 22. Comments should be submitted in duplicate to the Office of the Chief of Directives Management Branch, FmHA, U.S. Department of Agriculture, Room 6346, South Agriculture Building, Washington, D.C. 20250.

Blessings...
Every Christmas candle beams the light of the Star that shone over Bethlehem the night when Christ was born May the holy, blessed meaning of that Birth be reflected in this Christmas season, for you
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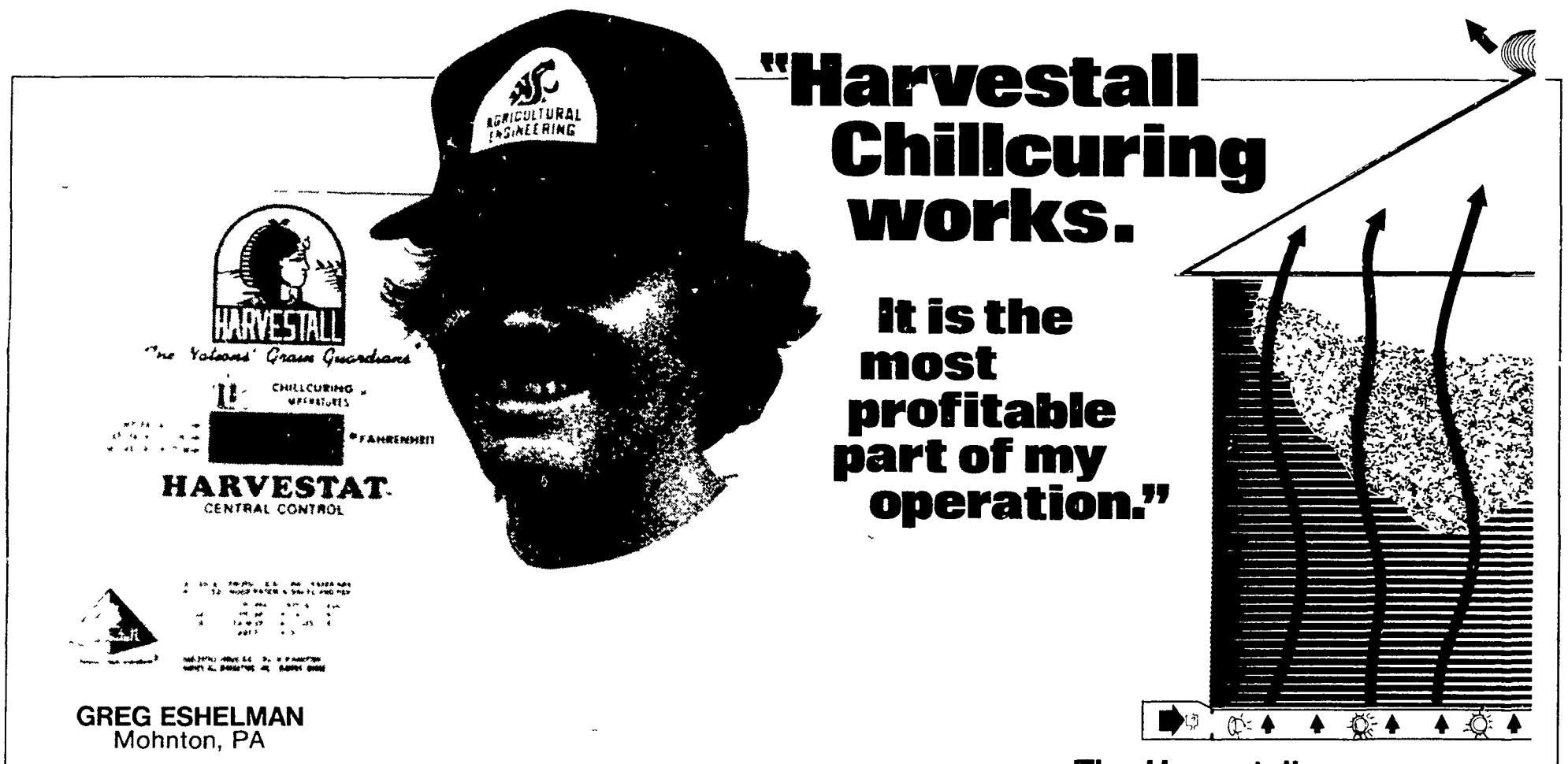
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Clostridium perfringens Type C is year round threat to swine

DES MOINES, Ia. — Colstridium perfringens Type C enterotoxemia is not a problem for every hog producer. Although it does not share the notoriety of diseases such as TGE, it does threaten any hog operation's profit.

"Like TGE, Clostridium perfringens Type C enterotoxemia is a year round threat to swine herds," says Hal Sinclair, Manager of Technical Services at Diamonds Laboratories, Inc. "It usually occurs in baby pigs one day to one month of age. And notably, treatment of animals with either disease is of little value and recovery is very rare.

"Only passive or temporary immunity can be developed against either TGE or enterotoxemia. To provide immunity for baby pigs, it's necessary to develop immunity in the sow. In the case of these two diseases, that means developing immunity in the sow prior to each time she farrows," Sinclair states.

"Immunity is most often developed through a regular vaccination program," Sinclair advises. "Administering a combination vaccine such as TGE-Vac C to pregnant sows prior to each farrowing can help provide protection against both TGE and enterotoxemia"

Sinclair points out Clostridium perfringens bacteria live in soil. Once the bacteria become established in soil, it is particularly difficult, if not impossible, to rid the area of the disease

Unattended, the disease can then develop into a year round problem of longterm duration. However, since spores of the bacteria only multiply in animals, the disease is not as easily spread as the TGE virus.

"These bacteria produce a toxin which will eventually kill younger pigs," says Sinclair. "Older animals appear to be better equipped to handle the disease, but pigs that completely recover from the clinical signs of Clostridium perfringens are rare."

In most cases the enterotoxemia strikes pigs less than one week old. "Often the first sign of hemorrhagic enterotoxemia is sudden death in the best conditioned animals. Other clinical signs may include excitement, incoordination and convulsions," says Sinclair

"Diarrhea is almost always associated with Clostridium perfringens Type C enterotoxemia," advises Sinclair. "Only in cases of overwhelming infection where the pig suddenly collapses and dies is the diarrhea absent In acute cases of the disease, bright red watery feces are usually evident In less severe cases diarrhea may be characterized by reddish brown liquid feces. Long duration cases usually have colorless liquid feces with some gray particles present.

"Death loss within a litter is variable," continues Sinclair. "It may range from a single pig to the entire litter. But most commonly only a portion of the litter is affected.

"Regardless of whether it is a single pig, a couple of pigs or the entire litter, any death loss to the disease is another strike against the profit potential of the herd."

Stressing the fact that the disease can be disastrous economically and that immunity developed to enterotoxemia is only passive, Sinclair advises a multifaceted approach to control.

"First, it is important to try to keep the disease out of the operation from the very start. Careful sanitation of facilities, screening incoming animals and restricting access to humans rodents and pets are all important in keeping enterotoxemia and TGE out of the hog operation.

"The second part of any control program should include a vaccination schedule," says Sinclair. "Enterotoxemia can strike a swine herd at any time, so vaccinating each sow with a vaccine like TGE-Vac C is inexpensive protection when you consider the possible alternatives TGE-Vac C administered through two intramuscular injections given at one month intervals with the second injection recommended from 7 to 30 days prior to farrowing offers the advantages of positive dose accuracy.

"TGE and Clostridium perfringens Type C enterotoxemia are deadly killers of baby pigs," concludes Sinclair. "Controlling both is essential to protecting the profit picture of any hog operation"

Entry forms for Keystone Classic available at Farm Show

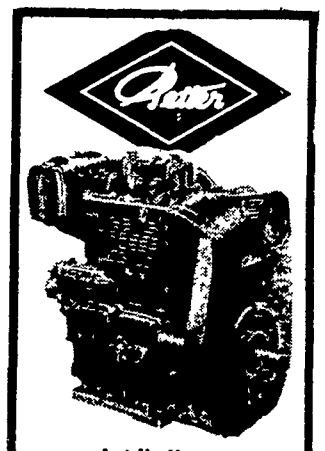
HARRISBURG — Entry forms for the 2nd Annual Keystone Classic, an all-breeds swine show and sale, will be available at the 1981 Farm Show, announced Harry Bachman, sale manager and auctioneer.

Bachman stated interested swine breeders can get in touch with the different breed secretaries or himself for the forms

The Keystone Classic will be held in conjunction with the Pennsylvania Farm Machinery Exposition on March 5, 6, and 7, 1981 All animals will arrive on Thursday, with the show scheduled for Friday and the sale to be held Saturday.

"This swine show pits breed against breed in competition for the grand championship. They'll be shown by age not color, he said.

The Keystone Classic is cosponsored by the Pennsylvania Swine Breeders Cooperative and the Pennsylvania Department of Agriculture



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Congress passes Farm Credit Act amendments

WASHINGTON, D.C. — At the eleventh hour of the lame duck session of Congress, the Farm Credit Act Amendments cleared their final hurdle and were enacted into law. Passage culminated a legislative process that lasted more than a year.

The Senate passed its version of the bill, S 1465 last July 24, and the House enacted its version HR 7548 November 19. With adjournment imminent, the Senate accepted the House bill last Saturday

It has the support of the Administration, and the President's signature is expected.

The amendments are the first major change in legislation governing operations of the Farm Credit System since enactment of the Farm Credit Act of 1971, which recodified and modernized laws dating back to 1916.

The Farm Credit System provides credit and closely related services to farmers, ranchers, commercial fishermen, and their cooperatives. They also serve rural homeowners and selected farm related businesses. The amendments call for no change in this clientele

The Farm Credit System is made up of three lending groups. The 12 Federal Land Banks make long-term mortgage loans through 492 Federal Land Bank Associations

The 12 Federal Intermediate Credit Banks provide short- and intermediate-term loan funds to 424 Production Credit Associations and to other financing institutions serving agricultural producers

The 13 Banks for Cooperatives make loans of all kinds to agricultural, aquatic, and rural electric, telephone, and public utility cooperatives.

The System has $68 billion in loans outstanding to nearly one million individuals and 3500 cooperatives.

Its loan funds are obtained primarily through the sale of securities in the Nation's money markets.

Though cooperatively owned by their borrowers, the System's federally chartered banks and associations are supervised in the public interest by the Farm Credit Administration, an independent agency in the Executive Branch of the U S. Government. Operating and other costs of the System institutions and their supervisory agency are borne by the borrowers. No Federal tax dollars are involved.

The amendments will help individual borrowers by.

Permitting the FLBs to make loans of up to 97 percent of the market value of the property taken as security when the loans are guaranteed by a Federal agency such as the Farmers Home Administration or a state government. This makes it possible for the banks to finance those with limited equity, particularly young farmers. It is also in tune with FmHA's shift in emphasis from direct loans to guaranteed loans.

The limit on the other loans will remain at 85 percent of the appraised value of the security.

Broadening the authority of FLBs and PCAs to finance the processing and marketing activities of bona fide farmers, ranchers, and fishermen. To be eligible for such loans, 20 percent of the product processed or marketed must come from the lead borrower's operation.

Establishing clearly that FLBAs and PCAs may sell credit or term life, credit disability, and other types of insurance necessary to protect the member's farm or aquatic unit This service is limited to hail and multiple peril crop insurance, title insurance, and insurance to protect the equipment and facilities of fishermen.

Expanding aquatic financing to allow FLBs to make long-term loans and permitting FICBs to discount aquatic loans of other financing institutions.

Allowing Farm Credit institutions to provide fishermen with financial services related to their operations.

The amendments are beneficial to cooperatives by:

Lowering to 60 percent the farmer membership requirement for rural electric, telephone, and public utility cooperatives and for certain local farm supply cooperatives. Marketing and other cooperatives will still have to satisfy the 80 percent farmer membership requirement to be eligible to borrow from a Bank for Cooperatives.

Establishing that cooperatives organized to provide business services to commercial fishermen are eligible to borrow from a Bank for Cooperatives.

Permitting the Banks for Cooperatives to finance certain export activities of cooperatives, making it possible for farmers to more directly benefit from these activities.

Other facets of the legislation include:

Permitting PCAs to issue participation certificates to commercial banks and other lenders, streamlining the method by which PCAs can participate in loans originated by others.

Making possible the incorporation of entities that perform service and finance functions for the banks and associations.

Farm Credit officials say they view the amendments as providing the banks and association with the contemporary authorities they need to serve the changing needs of their borrowers in the 1980s.

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- ★ WHITE 2-135 TOY TRACTOR: Lloyd Reiff, Leola, PA
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HOLIDAY SCHEDULE:

CLOSED THURSDAY DECEMBER 24 AT 4:00 PM, REOPENING MONDAY, DECEMBER 29 at 7:30 A.M.
CLOSED JANUARY 1, 1981

FARMERSVILLE EQUIP. INC.
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PHONE 717-354-4271

Give yourself a tax break with year-end planning

PHILADELPHIA — From a tax point of view, this is the time of the year to get down to basics. The right steps now can save you from paying unnecessary business and personal income taxes that according to Robert J. Hilly, CPA, President of the Pennsylvania Institute of Certified Public Accountants, often inflate your tax bill.

Between now and December 31, you can arrange your financial affairs, either to increase or retard your 1980 taxable income depending upon which would serve your advantage.

CPAs suggest you ask yourself these questions:

Am I eligible for income averaging if I made much more money this year than in the previous four?

Could I take advantage of income averaging by cashing in a substantial amount of certain savings bonds?

Can I shift a capital gain into 1981 by making a short sale on my stock now, and delivering it next year?

Can I still make any energy-saving improvements on my home which would entitle me to tax credit?

Can I accelerate my deductions by paying real estate or other taxes this year instead of next?

Would additional medical or charitable deducations be better this year or next?

If you own the farm business, there are still more tax breaks to consider. Suppose after computing your 1980 income you suspect you might save money by shifting some income into 1981. Here are some options.

If you are on a cash basis you can readily defer income. To an extent, you can hold off billing customers until next year — or until so late in December that no payment is likely in 1980.

Income generally must be received to be reported, so if you want to defer income, be sure it has not been received.

If you are an accrual basis taxpayer, you may be able to postpone completion of a job until 1981 so the right to income arises then, even though most of the actual work is done in 1980.

Also, hold up deliveries that will defer income, and not inconvenience customers.

Step up certain deductions to lower 1980 income by paying all your bills now and by paying some expenses which would normally be incurred next year. For instance, you may want to stock up on supplies for next year and pay for them now. Or, you may want to sell at a loss all items which aren't moving.

If you buy equipment on the last day of the taxable year and put it into use that day, you can take a full 20 percent first-year depreciation on your tax return — in addition to other depreciations for which you qualify.

This bonus depreciation is limited to $10,000 of cost — $20,000 if a joint return is filed — each year on equipment with at least a six-year useful life. (Whether or not you qualify may depend on your accounting method, so check with your tax advisor.)

Some business property which qualifies for the regular 10 percent investment credit may also qualify for an energy credit, giving you a double tax credit of up to 25 percent, CPAs say.

Any unused credits can be carried back and carried over, so consider taking advantage of the credit as soon as possible by investing in such property before the end of the year.

Maryland DHIC to meet

NORTH EAST, Md. — The 28th Annual Meeting of the Maryland Dairy Herd Improvement Corp. will take place on Wednesday, January 7, 1981 at Sandy Cove Morning Cheer in North East (Cecil County), Maryland.

The meeting will begin at 10:30 A.M.

Following a brief business meeting, the DHI Supervisors will be awarded their Incentive Pay. Lunch will be a buffet of fried oysters, ham and roast beef with all the fixins', plus dessert. Plan to join your neighbors for fun, food, and fellowship.

After lunch, the VIP program and the somatic cell count program will be discussed, and farmers will have a chance to get some of their questions answered.

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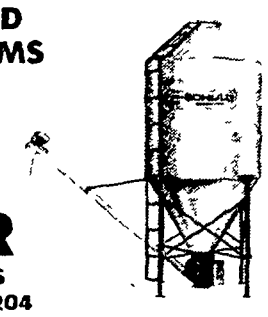

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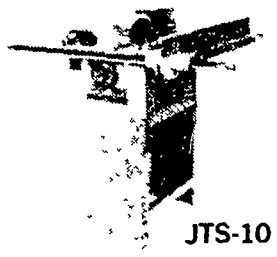

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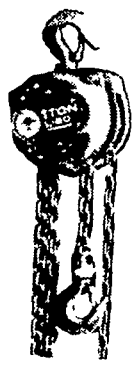

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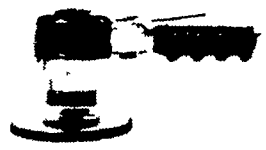

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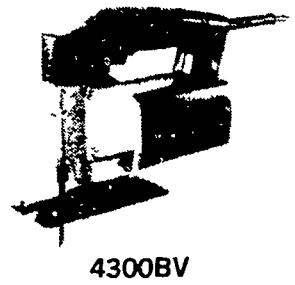

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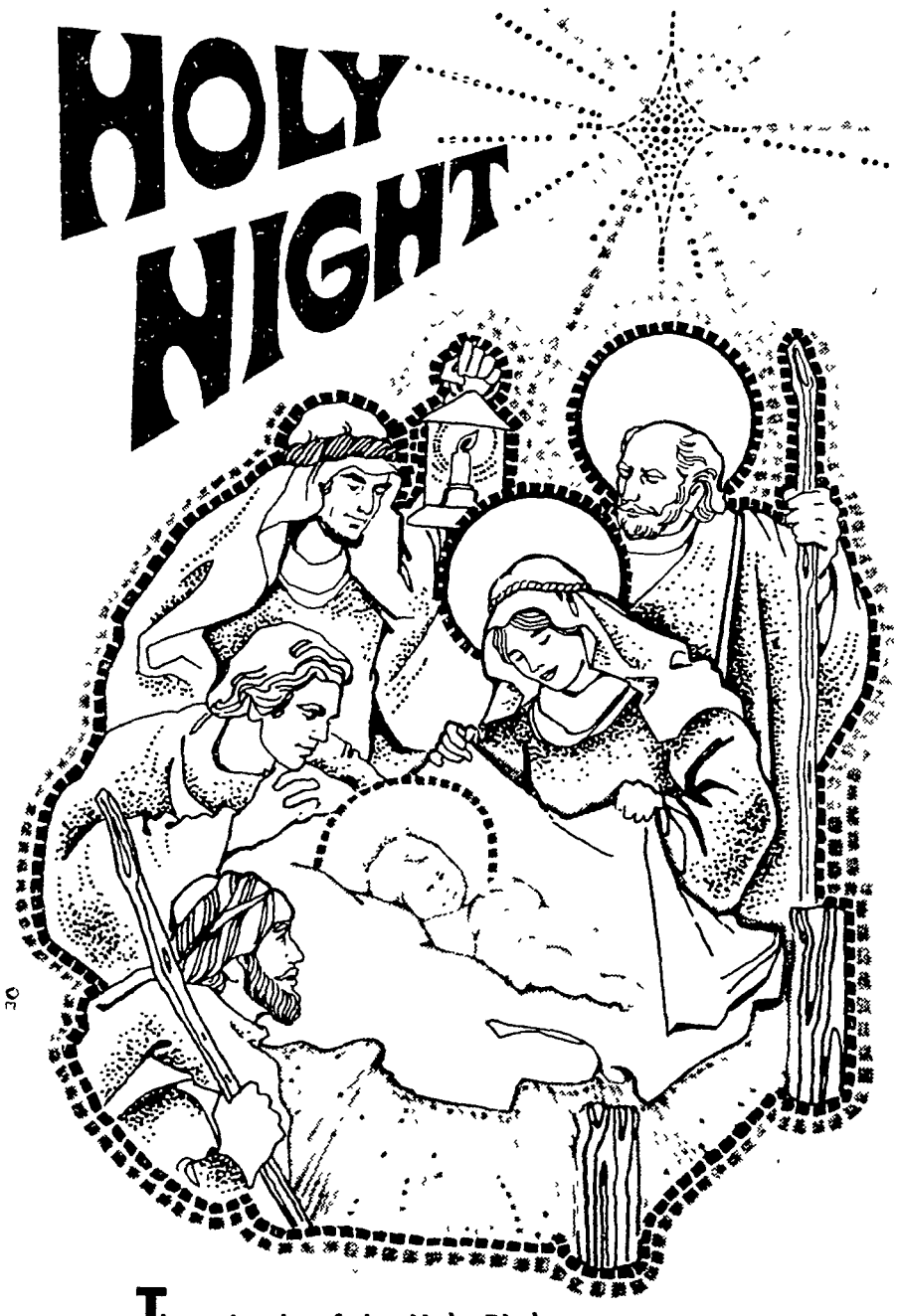

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Perry County honors Junior Holstein winners

MILLERSBURG — At the annual meeting of the Perry County Holstein Club held last Tuesday at the Perry Valley Grange Hall, Mrs. Jane Benner announced the organization of the Perry County Junior Holstein Club in the county this year.

Mrs. Benner explained the purpose of the Junior Milk and Fat Contest and awarded certificates to the following winners.

Two year class for milk and fat - Irene Benner, 20,661 pounds milk, 932 lbs. fat;

Three year class for milk, Nancy Ann Dum, 20,813 pounds milk;

MILK

Three year class for fat - Judith Kriebel, 760 pounds fat;

Four year class for milk and fat - Carole D. Dum, 16,762 pounds milk, 688 pounds fat;

Five year and older class for milk and fat - Daniel Albright, 21,674 lbs. milk, 774 lbs. fat.

Also announced was the Distinguished Junior Members for Perry County this year.

In the girls' division, Kimberly Kriebel of Stone-Gables Farm was the winner. Miss Kriebel is the daughter of Mr. & Mrs. Richard Kriebel and has complied an impressive project summary of her involvement with Registered Holsteins.

In the boys' division, Daniel Albright of Alrada Farm was the winner. Danny is the son of Mr. & Mrs. Ralph Albright and has been active in both developing his own cow families and in merchandising Registered Holsteins.

Both Distinguished Junior Members were awarded plaques of the Holstein cow engraved with their named.

The 4-H Dairy Club Record Book winners were announced. They were: first place Jennifer Kriebel; second place Brian Rock; and third place Irene Benner.

Anyone interested in becoming active in the Junior Holstein Club should contact Ken Benner, youth chairman at 717-589-3838.

Woolen jackets for the cold

Like little snowballs themselves, these sheep in Paradise Township, Lancaster County, blend into the snow which blanketed the countyside earlier this week. Woolen coats certainly were in order.

What a humbling experience it must have been some 2,000 years ago when Christ, our Lord, was born in a lowly manger in Bethlehem.

It is with a deep sense of thankfulness at this most blessed time of our Christian year that all of your friends that work for Beacon Feeds along with all of our Beacon dealers would like to extend to you and your families best wishes for a "Merry Christmas" and a "Happy new Year".

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Satellites to check insect, disease damage

HARRISBURG — The Pennsylvania Department of Environmental Resources will use earth satellites called Landsat for mapping forest insect and disease damage in the commonwealth.

DER Secretary Clifford L. Jones, who signed the agreement with the National Aeronautics and Space Administration to provide this service, said, "This project has a high priority in our forest pest management program and we are eager to get the system operational.

"Replacing our costly and obsolete survey methods with modern space-age technology will result in a savings of thousands of dollars each year."

He said foresters in DER's Bureau of Forestry each year map insect defoliation by sketch-mapping their observations from the air. This method is time consuming and costs more than $20,000 each year.

"We hope to replace these obsolete methods by 1983 and the cost will be only a few hundred dollars each year.

"The groundwork will also be laid for other forest and land resource applications using Landsat."

Detecting and mapping insect damage, notably that caused by the gypsy moth, is necessary for conducting control projects and determining timber losses.

The Division of Forest Pest Management has been working informally with NASA since 1976 to explore the feasibility of utilizing Landsat and preliminary investigations have proven fruitful. The new agreement involves a three-year project to implement an automated system using Landsat digital data.

Also involved in the program will be the Office of Remote Sensing of Earth Resources at Penn State.

That office will develop a base map from Landsat which will depict only forest cover in the commonwealth. Computer tapes containing the extent and severity of forest defoliation imagery from Landsat then can be fed into the system to produce a useable forest survey map of the state.

James O. Nichols, chief of the Division of Forest Pest Management, said," Gypsy moth defoliation is discernible from Landsat, which operates several hundred miles in space.

"Currently there are two satellites operating and these provide coverage over any given point every nine days. With only one satellite the coverage is every 18 days.

"Consequently," said Nichols, "there should be no insurmountable technical problems to implementing the new system.

"We were concerned about cloud cover at the critical times when this mapping has to be done - that is, at the peak of the defoliation but before the trees could put out a new crop of leaves.

"With two satellites operating, there is a high probability that at least one flyover during the critical period will result in acceptable imagery data."

Buys grand champion steer

Bob Gillespie of East Greenville, respresenting C.B. Hoober, Inc. of Intercourse was the buyer of the steer exhibited by Jim Roth, Collegeville, at the recent Eastern Pennsylvania 4-H Beef Show and Sale. Jim currently serves as President of the Montgomery County 4-H Livestock Club.

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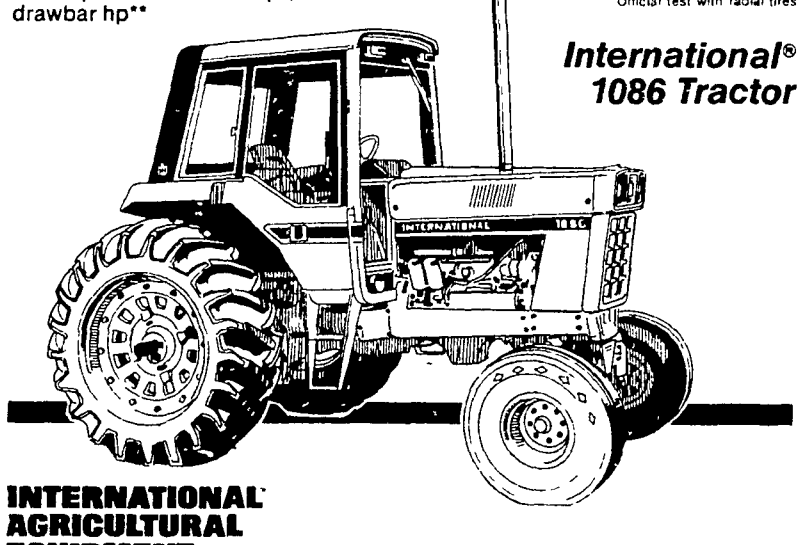

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Bradford extension honors Marian Ballard

BY JANE BRESEE
Staff Correspondent

MONROETON — Mrs. Marian Ballard of East Troy was named Extension Cooperator of 1980 at the annual dinner meeting of the Bradford County Extension Service held last Thursday at the Monroeton Fire Hall.

Ed Dieffenbach, assistant director of the Northern Tier Extension Service, presented the Recognition Award to Mrs Ballard who had served as a 4H leader for 32 years She had been a member of the Extension Executive Committee, a Sunday School teacher for 40 years, the first president of the Troy Hospital Auxiliary, director of the Good Neighbor Canner Program, and a Home Economics teacher in a local high school

She is the mother of Mrs Richard (Marilyn) Packard, and Mrs Robert (Linda) Hulslander, county home economist, and is a grandmother of three

The award was a complete surprise to Mrs Ballard who spoke to say only that the attributes mentioned by Mrs Dieffenbach must be someone else's, not hers

Jeff Hale, of Rome, president of the Bradford County Extension Committee was master of ceremonies. He introduced State Assemblyman Roger Madigan, and Bradford County Commissioner, Francis Douglas

Assemblyman Madigan, presented a plaque of Commendation from the Pennsylvania House of Representatives to Miss LuAn Shedden, Bradford County Dairy Princess

Miss Levetta Roof, Extension 4-H agent, named the outstanding 4-H'ers of Bradford County, Miss Jean Sullivan and Miss Belinda Roof, both of whom were unable to be present

Miss Roof read a letter of thanks from Miss Sullivan, a sophomore at Marywood College. Miss Belinda Roof, a sister of Levetta, was married recently, and had moved away

The main speaker for the evening was Arnold Hayden, Game Commission Biologist, who illustrated his talk on Wild Turkey's with slide pictures.

"Wild turkey were barely visible when I moved to the Canton area 16 years ago," Hayden said, "but within the last 10 years, they have made a dramatic comeback in the entire northeast We consider their reappearance a real conservation success"

In the early days, he explained, Pennsylvania was covered with a conifer forest, but it was nearly all cut down between 1890 and 1900 Since then the area has grown back to hardwoods, providing food for the comeback of the wild turkey

Hayden, a dynamic speaker who kept the audience awake with witty remarks and unusual pictures, ended his talk by imitating a turkey call, something which every turkey hunter should try

The Outstanding Young Farmer Awards were given to David Green of Neath, and Brian Harris of Smithfield, by Denny Kelly, president of the Towanda Chapter of the Jaycees, and Rich Ingerick, chairman of the Outstanding Farmer Program The Awards, sponsored by Deere and Company, are given to young farmers between the ages of 18 and 25 who have improved their farming

(Turn to Page A22)

Mrs. Marian Ballard, a 4-H leader for 32 years, is delighted with the Extension Service Recognition Award given to her by Ed Dieffenbach, Assistant director of the Northern Tier Extension Service. The award was given at the annual dinner meeting of the Bradford County Extension Service held recently.

David Green, left, and Brian Harris of Bradford County were named the Outstanding Young Farmers of the year by the Towanda Chapter of the Bradford County Jaycees. The awards were given at the Extension Banquet.

Arthur Hayden, Pennsylvania Game Commision Biologist, was featured speaker at the Banquet talking about his specialty, wild turkey. "I'm telling you for the last time, he tells an aspiring young hunter, "try using a turkey call".

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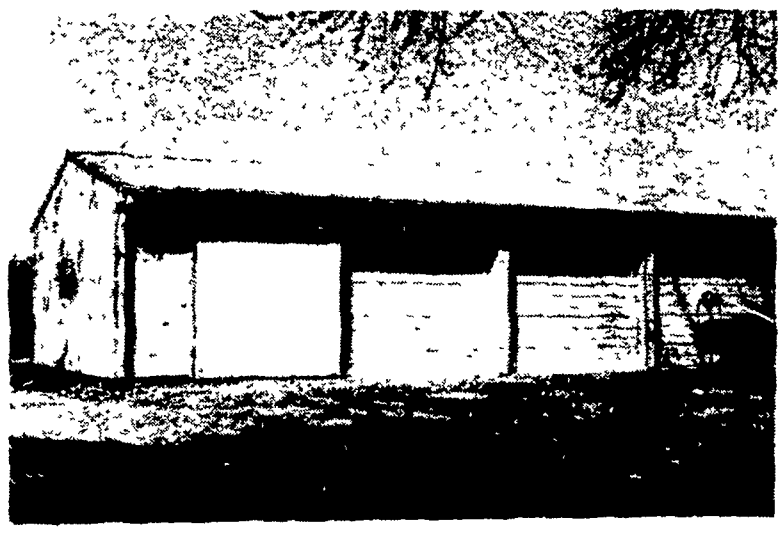

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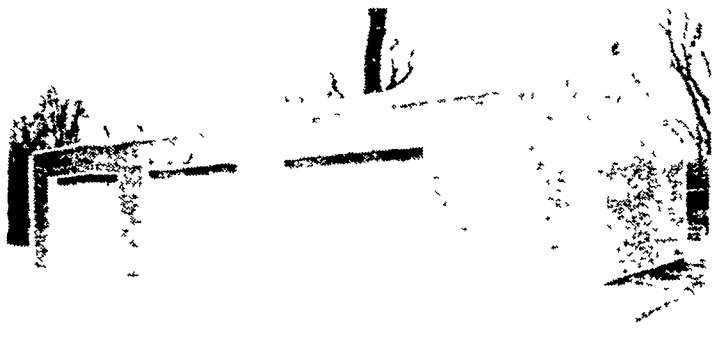

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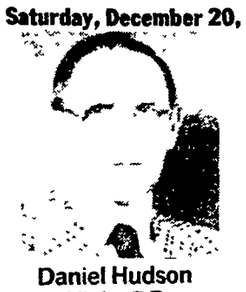

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Unit 5 Pro. Tech.
since 1965

Jim Verga
Campbelltown, P
Unit 15 Pro. Tec
since June/79

Tim Wilbert
Halifax, PA
Unit 11 Pro. Tech.
since June/79

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Unit 16 Pro. Tech.
since 1973

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Paul Roland
Elizabethtown, PA
Unit 18 Pro. Tech.
since 19[illegible]

Paul Werner
Mt. Joy, PA
Unit 17 Pro. Tec
since 1955

William Massa
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since 1948

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Portersville, PA
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since 1974

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Apollo, PA
Unit 50 Pro. Tech.
since 1978

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Harold Overar
West Newton, P
Unit 51 Pro. Te
since 1967

William Wilson
Ellwood City, PA
Unit 56 Pro. Tech.
since 1960

Sylvan Vogelsong, Jr.
Prospect, PA
Unit 57 Pro. Tech.
since 1978

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Butler, PA
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since 1952

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West Sunbury, PA
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since 1957

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Northwest Area
Supervisor

John Williams
Hadley, PA
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since 1956

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Corry, PA
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since 1970

David Brown
Warren, PA
Unit 69 Pro. Tech.
since 1979

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since 1970

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Titusville, PA
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since 1978

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Templeton, PA
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since 1979

Robert Bickle
Brookville, PA
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since 1957

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Brookville, PA
Units 72-73-74 Coor.
since 1978

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Supervisor

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since 1961

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Unit 43 Pro. Tech.
since 1979

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since 1979

Dwight Keafer
Johnstown, PA
Unit 44 Pro. Tech.
since 1978

Charles Thomas
Garrett, PA
Unit 45 Pro. Tech.
since 1978

C. Edwa[illegible] Lapu[illegible]
Berlin, PA
Unit 46 Pro. Tech.
since 196[illegible]

Ricky Shaffer
Brookville, PA
Unit 75 Pro. Tech.
since 1973

Ted Leofsky
Coatesville, PA
Unit 4 Pro. Tech.
since 1953

Charles Hendricks
Elverson, PA
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Campbelltown, PA
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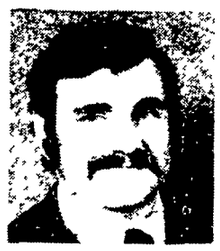
Unit 6 Pro. Tech.
since 1957



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since 1971

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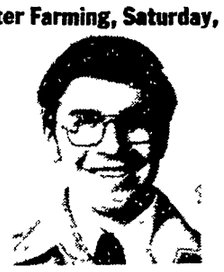
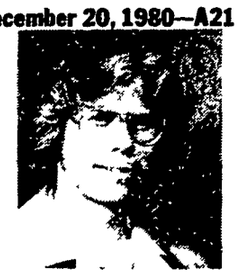
since 1975



Pat Arnold
Schaefferstown, PA
Unit 9 Pro. Tech.
since March/79



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nits 12 & 16 coor.
since Feb./80

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Unit 18 Pro. Tech.
since 1980

Paul Werner
Mt. Joy, PA
Unit 17 Pro. Tech.
since 1955

R. J. McDowell
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Unit 19 Pro. Tech.
since 1949

Ronald Martin
Lititz, PA
Unit 20 Pro. Tech.
since June/79

Jacob Brin
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Units 14-19-20 Coor.
since Oct./78

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since 1965

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since 1952

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since 1978

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Units 53-54-55 Coor.
since 1980

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Unit 51 Pro. Tech.
since 1967

Linda Kurutz
Dunbar, PA
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since 1979

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Units 50-51-52 Coor.
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since 1972

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since 1967

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since 1948

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since 1950

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it 74 Pro. Tech.
since 1957

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Units 72-73-74 Coor.
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since 1957

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since 1968

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Loysburg, PA
Unit 38 Pro. Tech.
since 1977

William Baker
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Unit 39 Pro. Tech.
since 1963

Titus Smith
Roaring Springs
Units 36-37-38 Coor.
since 1978

les Thomas
rrett, PA
5 Pro. Tech.
ice 1978

C. Edwa LaButt
Berlin, PA
Unit 46 Pro. Tech.
since 1960

Ricky Shaffer
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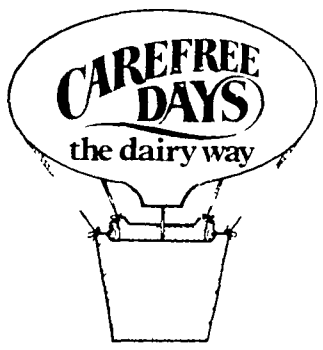
Top Adams DHIA herd focuses on basics

BY MARY MYERS
Staff Correspondent

LITTLESTOWN — This year, in Adams County, The Noel & Holmes registered herd of Holsteins captured the top position on the DHIA report The production record for the 60 cows on test is 19,246 pounds of milk and 753 pounds of butterfat.

Mr and Mrs Earl F Noel, McSherrystown, have been the owners of the farm since 1951



The dairy operation is situated on the Pennsylvania and Maryland border The farm name, Pen-Mar, is therefore understandable

More than 400 acres are farmed with approximately 200 head of cattle maintained

The entire operation is managed by Mr and Mrs Claude Bud" W Holmes, Jr The Holmes family is formerly of Harford County, Maryland Prior to accepting his present position, Bud was working with his father in the same type of dairying operation

Bud's focus on his management practice is on the basics

The feeding program includes corn silage directly fed year-round to the cattle Grain is custom mixed by a local grain company The grain is individually rationed to each cow

The grain mixture is tested regularly to maintain a high quality food Forage testing is also done twice each year

Alfalfa hay is a mainstay and fed to the cows all they will eat No pasturing is done for this high production herd

The herd undergoes a regular monthly health program Bud feels this is a vital part of his job.

Bud commented that only high test bulls are used As we looked at some fine bull and heifer calves just a few days old, Bud remarked that many are Apollo offsprings

The breeding program is strictly adhered to by confining service to no more than three sires at any specified time. This practice gives uniformity to the herd.

There is a great deal of pride in the air at the Pen-Mar Farms, proud because of their successful record of maintaining high quality animals and milk production

Bradford extension

(Continued from Page A19)

practices and have contributed to local, state, and national activities

Special entertainment was provided by Mary Bruce who sang many Christmas songs

The meeting was attended by 160 people including Orville Yoder, director of the Bradford County Extension Service, the local and regional Extension staff, and many 4H and community leaders

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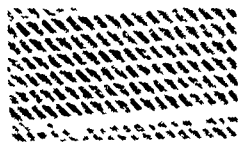

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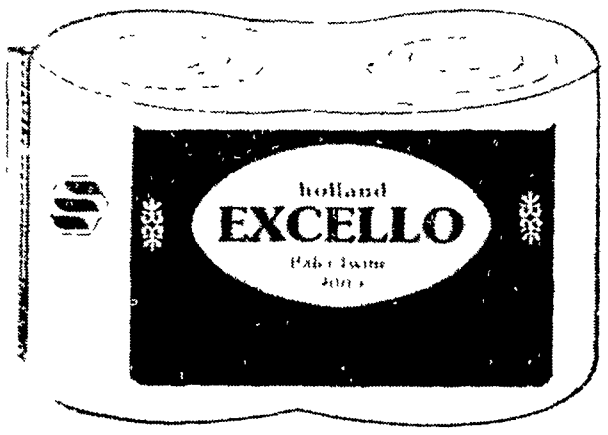

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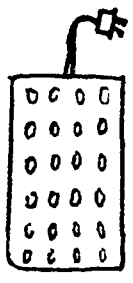

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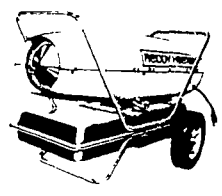

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350 000	799.95	$699.95
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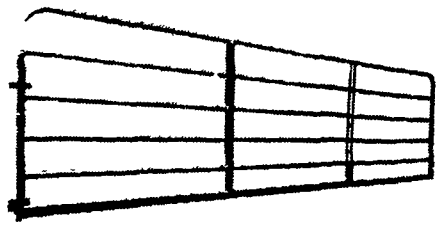

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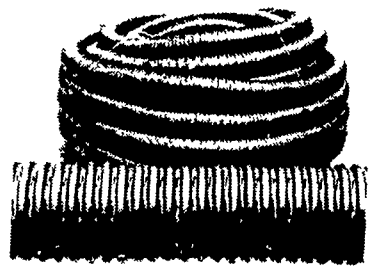

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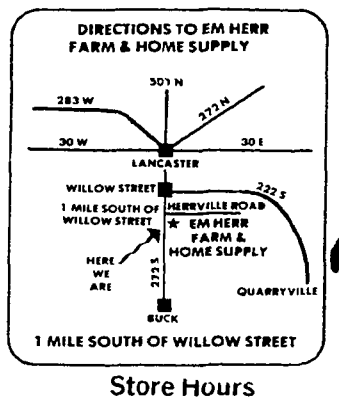

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Multiflora rose

(Continued from Page A1)

commitment from Agriculture Secretary Penrose Hallowell to come up with new legislation similar to HB 2360 which was defeated this past session. HB 2360 would have allowed the Secretary of Agriculture to declare a plant a noxious weed by holding a series of hearings before a noxious weed committee, but without the currently required legislative approval

Bowers said Tuesday the Commission would not oppose such a move if the Commission were represented on the weed hearing panel.

Bowers, shortly after the meeting, issued an order curtailing production of autumn olive at the Commission nursery.

Both the multiflora and autumn olive moves were taken administratively and will require no further Commission approval.

Rep. Hayes also asked Penn State University to work on management guidelines for multiflora rose.

Hayes, backed by 40 Huntingdon County farmers, said he would check the Soil Conservation Service to be sure they are not using multiflora rose or autumn olive as cover to reclaim land

Bowers said the Game Commission had stopped planting multiflora rose several years ago but still sees a place for the species in wildlife management

He said the Commission is doing some studies using Roundup to eliminate multiflora rose.

"But we are not going into an all-out program to annihilate multiflora rose," he added.

Bowers blames much of the problem experienced by the farmers in Huntingdon County and other areas on birds who eat the multiflora berries and spread the plant in their droppings. The plant quickly takes over uncultivated meadows or land along stream banks

This summer, the Huntingdon County farmers and County Agent Harold L Lockhoff asked their County Commissioners to do something about the problem The County Attorney told them they would have to go to the Secretary of Agriculture for help

They did so at the County Fair in August. There, the Secretary invited them to come down to Harrisburg to talk.

Hayes organized the date and led the day for the farmers Representatives of the Grange, Farmers' Association, and even the Holstein Association backed him up.

Hayes asked the Game Commission to firm up its oral commitments at its January meeting. Bowers confirmed on Tuesday that the full Commission would be informed of his action at the January meeting.

Why was it so easy for the Huntingdon County farmers to succeed where so many others had failed?

Actually, they will say, it wasn't easy until they got the ear of the new Majority leader. He made sure the group in Harrisburg was listening

It was all downhill sledding after that.

As we gather together to share the blessings and joy of the holiday with those we love, we greet old friends and say thanks.

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Delaware sewage sludge evaluated as fertilizer

DOVER, Del. — Use of sewage sludge as fertilizer on cropland is a long-established practice in some parts of the world though only a recent development in the U.S.

But as the prices of commercial fertilizers and the cost of sludge disposal mount, researchers are taking a close look at how this waste material can be safely and effectively used for agricultural purposes in this country, too.

For the past three years scientists at the University of Delaware Agricultural Experiment Station have been studying the feasibility of using sludge from Kent County's sewage treatment plant on field crops.

When Station soil scientist William Liebhardt began his project back in 1977, the first thing he did was analyze the sludge for its nutrient content.

He found that an application of 2.77 dry tons per acre would provide roughly 300 pounds of nitrogen and 235 pounds of phosphorus. Fifteen percent of the nitrogen is ammonium. The rest is organic nitrogen – an excellent ratio for plants.

An analysis of heavy metals in the sewage waste showed up an excess of only one–zinc. This occurred at nearly twice the level considered safe for crops under current guidelines. While this poses no threat to humans (nutritionists say the American diet tends to be too low in zinc) Leibhardt was concerned about a possible toxic effect on plants and soil.

To find out how well plants would perform with the sludge, he established research plots near the treatment plant and started growing both corn and soybeans there.

He applied sludge at four different rates -- 0, 440, 880 and 1760 pounds of nitrogen per acre. The two highest applications used several times more nitrogen or sludge than should be used under normal conditions. But the scientists felt this test was necessary to judge the safety margin for the soil amendment.

Results to date are encouraging, reports Liebhardt. "We've found no visible sign of zinc toxicity in either corn or soybeans. Neither growth nor yield have been adversely affected by the sludge."

Analysis of plants grown on sludge-amended soil shows increased concentrations of both manganese and zinc. But both are well within normal ranges and don't indicate problems for either the plants themselves or for their use as animal feed.

Other research has shown that soil type and soil pH may be more important than the application of sludge in controlling zinc uptake in plants, says the soil scientist. The native supply of plant-available zinc in soils is quite variable. Low pH also favors zinc uptake. This indicates the importance of site management where sewage is used as fertilizer.

"We are now reasonably assured there's no problem with the use of sewage sludge on field corn as long as amounts used are those needed to meet fertilizer needs, and not as disposal mechanism," reports Liebhardt.

With proper management he feels the material has potential on Delaware soils as a safe and effective fertilizer.

He and fellow scientists have just started a new project at the University's Georgetown Substation where they will be comparing the performance of several vegetable crops under various sludge and commercial fertilizer treatments.

Work is also in progress to evaluate the rate at which plant-available nitrogen is released from sludge. This will help researchers learn how much of the material farmers need to use for adequate crop growth.

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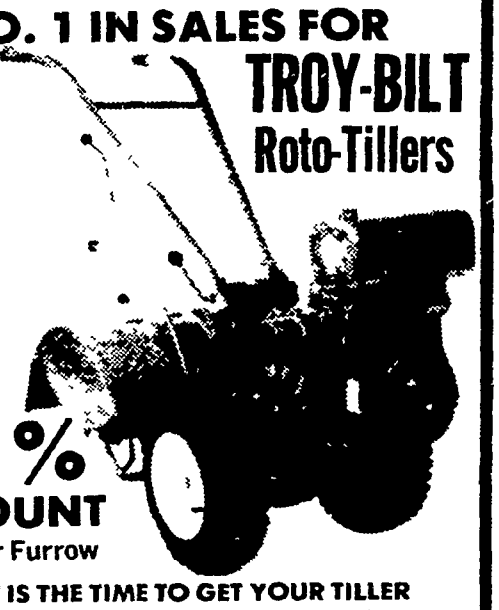

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AMPI president

(Continued from Page A1)

recently honored by being selected to receive the National 4-H Alumni Award

Elkin began his talk by saying the success of AMPI was based on nothing magical or mythical. Grass roots involvement starting with district meetings is the foundation of the Co-op Resolutions made at every annual meeting become the director's bible

"The question most asked of me is how do you communicate with all of the 32,000 members scattered throughout 20 states", Elkin said "AMPI has a monthly publication, newsletter and district meetings twice a year.

"The flexibility of our structure is another of our strengths", he continued "We will adapt as markets and production changes Our goal is not to own a lot of plants and property, for we are primarily a marketing-bargaining cooperative "

"Our success is also due to our increasing political clout made possible through a bi-partisan political action committee (PAC) called C-TAPE which means Committee for Thorough Agricultural Political Education About 50 percent of the Co-op's members contribute up to $100 each and have raised the total contributions from $400,000 in 1979 to $600,000 in 1980. Eighty-eight percent of the congressmen backed by our PAC were elected", he said

"We cannot buy what we want from congress, but we can buy an audience for them Already our political committee has gone to Washington to express their views to several of Reagan's future Agriculturel Committee If they are going to listen to someone, they might as well listen to us", Elkin stated

Elkin said he worries only a little about the surplus of dairy products, because it is happening at the time of making the new 1981 Farm Bill

"We are better too long than too short", he said

Being convinced that the surplus will turn around in a year, farmers in the west are already liquidizing a lot of their beef because of the drought.

The Cooperative stands for getting 80 percent of parity because 75 percent just is not enough and the market will not work if it is much higher than 80 percent

Other issues the Co-op suggests are an import quota on casein, a correction of the ill-advised dietary goals made by the government and a truths-in-labeling of imitation dairy foods. Elkin is much in favor of seeing the REAL stamp on all genuine dairy foods

When a farmer in the audience asked him how much in dues is taken out of the co-op's members milk check every month, Elkin replied that there are three regions in the Co-op and each one has a different procedure.

In the Mid-States region, which largely services Chicago, one percent of the gross check is taken out and a margin returned at the end of the year

In the Central States 15 cents is retained, every conceivable type of hauling charge is taken out since some AMPI trucks haul, except in the Northcentral region where nearly all is done by contract haulers

Another man asked how much the CNI proposal will hurt if the reformers get their way

Elkin's estimate was 80 cents per hundredweight loss to the producer, but the consumer would benefit only a penny to four cents

"There is nothing to gain by the CNI proposal," Elkin said "Retail markets are not tied to Class I prices "

AMPI's total member equity is $94 million and total assets $260 million, he said

"Members of AMPI produce nearly one-twelfth of all the milk produced in the United States", Elkin concluded

In other meeting activity, John Ed Helmich, a dairyman from Indiana, was introduced by Ron Tracy, District Manager of Keystone Harvestore Helmich illustrated his talk with slide pictures, some of which were unusual. He said he had seen 5000 cows this past year while working for ABS in genetic mating work, but he was looking for the ideal cow with the udder between the front legs

Laced with a humor was much advice about all phases of dairy farming. "Dry cows, he said, should have nothing but baled hay They should get no extra salt because it builds up body fluids in the udder The added pressure causes the breaking of the udder distention ligament. Milk cows, he went on, should be on their feet for an hour after milking to give the teat sphincter time to close before they lie down, thus helping to prevent mastitis which cost dairymen about $200 a cow per year."

"The ideal cow, he thought, should be tall and very angular and should almost inhale haylage." He would rather have a cow that is like a hay mow than a grain elevator for too much protein fed to cows kills the rumen bacteria and damages the liver. "The ideal diet for a cow is haylage, high moisture corn, some corn silage, salt and mineral", he said.

Other similar meetings were held at Whitneyville Fair Grounds, the Sheraton Motel in Danville and at the Treadway Inn at Scranton.

Dignitaries present at the Towanda meeting included representatives of all the local dairy cooperatives, officials from local banks and the Production Credit Association and the Cooperative Extension Service.

Looking for summer jobs with Angus

ST JOSEPH, Mo - A job placement program designed to bring together Angus-oriented youth looking for summer jobs and Angus breeders who need summer help is being sponsored for the third year by the American Angus Association, reports Jerry Lipsey, director of junior activities for the Association

'The program gives our Junior members greater opportunity to observe and be involved with good Angus operations," Lipsey emphasized "And at a time when qualified part-time farm and livestock help in hard to find, it offers Angus breeders an opportunity to get good summer employees and, also to help a youngster gain valuable experience and earn college expense money "

Both Junior members and prospective employers should contact the American Angus Association or their regional manager as soon as possible Applications for employment will be taken from January to March, and will be sent to all juniors 16 years or older who request them

The appliction-resumes will be sorted by the abilities and interests of the applicants and sent to Angus breeders who want to participate in the program Each employer last year received several applications, and each application was sent to several employers

Jobs may include all types of farm and ranch work, depending upon the abilities of the Junior member and the needs of the breeder Responsibilities have ranged from fitting and showing livestock to becoming involved in an embryo transplant program to guiding 12 Japanese on a cross-county cattle-oriented tour

For more information or application forms, contact Dr Jerry Lipsey at the American Angus Association or your regional manager

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900 attend Penn-Jersey Harvestore meetings

LANCASTER — Some 900 area farmers and members of their families attended the annual meetings held by Penn-Jersey Harvestore Systems, Inc., of New Holland, on Wednesday and Thursday at the Host Farm.

The meeting program included various Harvestore product discussions, a talk on soybean and milo forage and a holiday dinner.

Among speakers on Thursday afternoon was dairy farmer Daniel S Stoltzfus, R3 Mount Joy, who discussed his experience with a Slurrystore system

The Stoltzfus' operation, which totals 200 cows and young stock, includes 111 acres and another 60 rented acres.

Stoltzfus said that his 500,000-gallon capacity Slurrystore permits him to handle his liquid manure essentially only twice a year

"It makes my manure handling much more flexible," he said

"Before, I had to haul it a couple times a week in all kinds of weather."

Now, one application is made just after the corn is chopped. It is immediately disced and chiseled into the ground Then, rye is planted

The second application comes in spring just after making ryelage.

Some manure is also applied to the wheat stubble before sowing alfalfa.

Stoltzfus said the system is a great time-saver, permitting manure application to be limited to about 60 hours a year It is a great convenience, too, according to Stoltzfus, and eliminates any nuisance problems.

"But the bottom line is how much money it has saved me," Stoltzfus emphasized.

"In last year's soil test, the second year with the Slurrystore, I found that I was high in everything.

"The only thing I added was a little bit of starter fertilizer for the corn. And I harvested 150-bushel corn

"I had savings of $60 to $70 an acre over the rented land on which we don't use the liquid manure."

Stoltzfus also had good success with his alfalfa crop this past year Using the liquid manure, he had at least four cuttings and had five on some

The Slurrystore system saves a lot of nutrients, Stoltzfus commented upon ending his presentation

Soybeans and milo forage was discussed by John E Shirley, associate professor of agriculture at Western Kentucky University.

Continually rising feed costs and the escalating costs of land are requiring farmers to take a look at new ways of making better utilization of their land, he said.

Soybeans and milo forage offer a new alternative, he explained

It won't be a replacement for alfalfa, he explained, but could be valuable in certain situations, such as double-cropping, to utilize wet lands or as a short-season crop.

It has been used when alfalfa is being renovated, he said. Plantings between the old and new stands reduce problems

The meeting program also included a Harvestore owners panel. Members on Wednesday were Michael Appold, Montgomery County; Mac Baver, Lenhartsville, and Barclay Hoopes, Landenburg. On Thursday, panel members were Elam Rutt, Ephrata; Dale Umble, Christiana; and Lewis Werner, Fredericksburg

Here's explanation of market report terms

LITITZ — Here is a brief explanation of the revised market news terminology used in **Lancaster Farming's** market news reports.

MARKET - A term with several meanings. a A geographic location where a commodity is traded. b. The price, or price level, at which a commodity is traded c (verb) To sell.

MARKET ACTIVITY - The pace at which sales are being made. **Active** - Available supplies (Offerings) are readily clearing the market. **Moderate** - Available supplies (Offerings) are clearing the market at a reasonable rate. **Slow** - Available supplies (Offerings) are not readily clearing the market. **Inactive** - Sales are intermittent with few buyers or sellers.

PRICE TREND - Refers to the direction that prices are moving in relation to trading in the previous reporting period (s). **Higher** - When the majority of sales are at prices measurable higher then the previous trading session. **Firm** - Prices are tending higher, but not measurably so. **Steady** - Prices are unchanged from previous trading session. **Weak** - Prices are tending lower, but not measurably so. **Lower** - When prices for most sales are measurably lower than the previous trading session.

SUPPLY/OFFERINGS - The quantity of a particular item available for current trading. **Heavy** - When the volume of supplies is above average for the market being reported. **Moderate** - When the volume of supplies is average for the market being reported **Light** - When the volume of supplies is below average for the market being reported.

DEMAND - The desire to possess a commodity coupled with the willingness and ability to pay. **Very Good** - Offerings or supplies are rapidly absorbed. **Good** - Firm confidence on the part of buyers that general market conditions are good. Trading is more active than normal. **Moderate** - Average buyer interest and trading. **Light** - Demand is below average. **Very Light** - Few buyers are interested in trading.

MOSTLY -The majority of sale or volume.

UNDERTONE - Situation or sense of direction in an unsettled market situation.

SEASONAL SIMILARITY: This photo depicts a striking similarity between two different structures -- the Forest Hills Mennonite church along Quarry Road, Leola, Lancaster County, in the foreground and the barn in the background. Both have spires reaching skyward -- one a steeple and the other a silo. The high-pitched roof angles are repeated in both. Even the white-framed windows resemble each other. But at this season of the year, the similarity ranges well beyond physical appearance. Both stand as rural symbols of the traditional seasonal message: Peace on earth; Good Will to all men.

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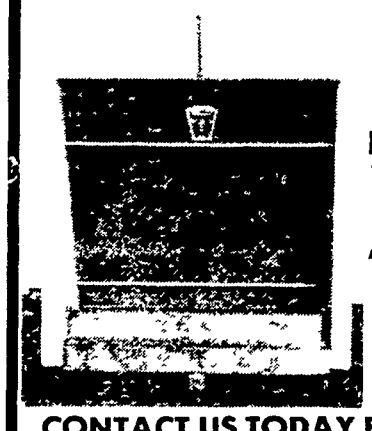

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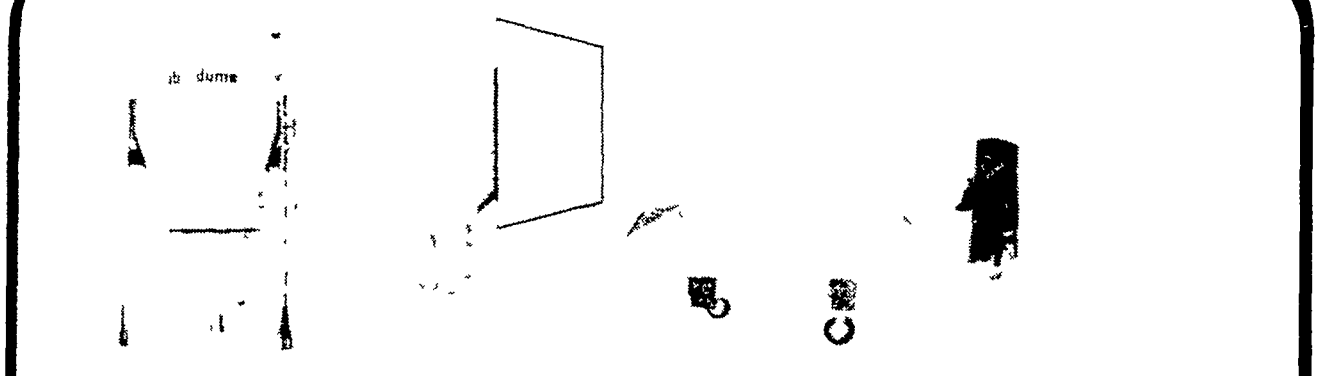

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Job outlook bright for college trained aggies

WASHINGTON, D.C. — Food and agricultural professions, including farming and ranching, will need more graduates — especially those with advanced degrees — than are expected to graduate during the next five years, said a U.S. Department of Agriculture study.

Educators, scientists and others have been concerned that higher education was not producing enough graduates with food and agricultural expertise for future growth of agricultural productivity and efficiency, said Anson R. Bertrand, USDA director of science and education.

"The overall estimate is an annual shortage of 8500 individuals with associate, baccalaureate, master's, doctoral and doctor of veterinary medicine degrees in agriculture and agriculture-related subjects," said Bertrand.

The study, done by the USDA's Science and Education Administration, projects the most severe shortages for graduates with doctoral degrees.

Bertrand said the study was undertaken in response to the Food and Agriculture Act of 1977, which directs USDA to keep informed of the need for research, extension, teaching and professional development in the food and agricultural sciences.

Educational backgrounds especially needed at the doctoral level are agricultural business and management, agricultural and forest engineering, animal and food sciences, forest products use, plant and soil sciences and selected specialities in veterinary medicine.

Information on the supply of higher education graduates came principally from higher education general information surveys of the National Center for Education Statistics, Department of Education.

Statistics on occupational demand came from the occupational employment statistics program of the Bureau of Labor Statistics, U.S. Department of Labor, panel of college and university experts aided the Science and Education Administration in reconciling data from these two sources and other data bases so that the estimates could be made.

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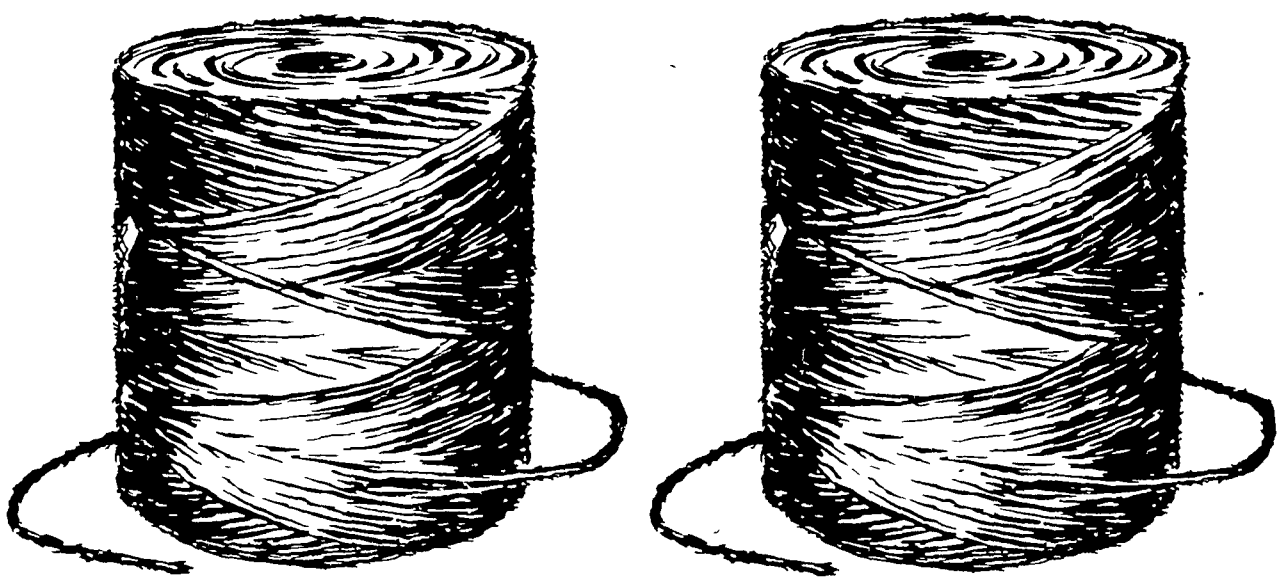

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Sale Report

The grade Holstein sale of Mrs. Warren Merkel held Dec. 16 near Shippensburg was well attended in spite of the snowfall night before sale. Top cow brought $1580 with next two at $1530.00, $1500.00. Buyers were from wide area. Ralph W. Horst, Marion, Pa. was manager and auctioneer.

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CLOSED WEDNESDAYS

Tree researchers work to save the chestnut

WASHINGTON, D.C. — Any chestnuts roasting on open fires this winter are probably European imports.

That's the way it's been since a killer fungus introduced in this country about the turn of the century viturally wiped out the American chestnut tree.

Yet many old chestnut roots keep sending up new sprouts–only to be knocked back down by the fungus. And although the chestnut enemies are multiplying, researchers keep looking for ways to bring back the tree.

The American chestnut, Castanea dentata, was once a 100-foot monarch of the Eastern hardwood forests. Its straight trunk and rot-resistant timber were good for furniture, fences, and posts. From its bark came tannin for leathermaking, and its nuts were relished by animals and people.

But the American chestnut was no match for Endothia parasitica, a stowaway fungus that arrived in New York on a shipment of Oriental chestnut trees. Entering the tree through a break in the bark, the fungus gradually encircles and strangles it The blight spread quickly and by 1950 had devastated most of the country's American chestnuts, an estimated nine million acres.

Some researchers are trying to develop a more blight-resistant chestnut, one with the fungus-tolerance of Oriental chestnuts yet the form of the taller American species.

Such work takes time, explained Sandra Anagnostakis of the Connecticut Agricultural Experiment Station in New Haven.

"You cross two trees and wait 15 years for the progeny to produce seed of their own," she said. "Then you make another cross and wait another 15 years...."

Work on hybrids has another drawback, she asserted: "You're not going to reforest the woods with hybrids because they do not propagate well.

"At CAES, it has seemed to us that since there are all those roots out there sprouting, the chestnut would come back all by itself if there was some way to bring the fungus a little bit under control."

In Italy's chestnut orchards, scientists found a natural cure: weaker strains of the fungus, called hypovirulent or "H" strains, which are infected with viral-type agents. The H strains moved into blight-stricken European chestnuts and debilitated the killer fungus.

The H strains will also cure cankers on American chestnuts–but only at the spot where they are injected into the tree. The "cure" won't spread by itself here, and scientists don't know why.

Another problem, Miss Anagnostakis has found, is that the fungus has diversified into dozens of strains, so that not every H strain blocks every killer strain. In response, CAES scientists have experimented with mixtures of H strains in their inoculations.

In the last few years Congress has earmarked $300,000 for research in chestnut fungus H strains, according to Clay Smith of the U.S. Forest Service, which administers the grants.

The government also has its eye on another tree foe, the chestnut gall-wasp

Like the fungus, the gall-wasp probably hitchhiked in from the Orient. Jerry A. Payne, an entomologist with the U.S Department of Agriculture, discovered it in 1974 in a Georgia grove of Chinese chestnuts.

The insect lays its eggs in the growing tips of chestnuts in July and August, and the irritated plant produces a growth called a gall. The larva winters and develops in the gall, then eats its way out in spring.

"It kills the shoot or limb it's on, and severe infestations will kill the tree," Payne said. "The gall-wasp is moving about 15 miles a year. It's now in at least 10 counties in central Georgia." The state has lost about half of its commercial Chinese chestnuts--150 acres.

Will the gall-wasp move farther north? "We have no idea," said Payne. "But the history of epidemics of new, exotic insects is they tend to spread wherever the host is." He has shown that the gall-wasp will attack American, Japanese, and Chinese chestnuts.

Chinese chestnuts have become a popular yard tree. Payne advises homeowners with gall-wasps to remove the galls and destroy them.

And after two years of experiments, he reports success with growth regulators so that trees also break buds in autumn, exposing the insect at the wrong time of year.

"Its a new method of insect control." he said. "I'm using the tree to manipulate the insect."

With all those enemies–insects and fungus–is it worth trying to save the chestnut?

Citing its timber quality, Miss Anagnostakis said, "I think its commercial value could be quickly re-established."

And recalling that Americans import up to 10 million pounds of chestnuts a year, Payne said, "There's still a demand for them."

Fuel use cut 36% for heating greenhouses

WILLIAMSPORT — Commercial greenhouse operators aren't the only persons experimenting with fuel conservation, according to Michael A. Sedlak of The Williamsport Area Community College, Williamsport.

Sedlak, associate professor of horticulture at the College, pointed out that an increasing number of educational institutions are analyzing methods of reducing fuel in campus greenhouses.

WACC is one such institution and is quite interested in fuel conservation as it has three types of greenhouses, covering approximately 7200 square feet of space, Sedlak said. All three are located at the College's Earth Science Campus, near Allenwood.

Sedlak, "We are listening to what the researchers tell us about their energy conservation methods and then trying them on our houses."

"In one of our greenhouses, the heating system consisted of two above ground oil burners feeding a fan-jet poly-tube distribution. Since its construction, air stratification at the plant level had a serious problem, Sedlak said.

"We lowered the oil burners to the floor and ducted the heat along the sides. The results were amazing," he continued. "Savings have been averaging 36 percent over the previous year."

Other greenhouse changes including recalculating and adjusing the environmental controls. The changes in that particular house, Sedlak said, showed a drop of 23 percent fuel.

The College has investigated covering a greenhouse with 602 poly film, Sedlak also noted.

He explained that as a class project, the students were asked to determine the savings which would result from a house covered with 602.

Students, using a Greenhouse Energy Saver Analysis Form, calculated savings at $3000 a year. Sedlak said the actual figure should be higher, perhaps as high as $4300.

As the College has a complete fuel consumption and heating degree day record for the last four years, it will be possible to see whose estimate is the closest, Sedlak concluded.

New base dates set for 1981 dairy shows

LITITZ — The directors of the Holstein Friesian Association have voted to implement the new base dates of September 1 and March 1 for classes in 1981 shows These dates coincide with the Pennsylvania Junior Dairy Show class dates for all breeds published in last month's Dairy Digest.

The 1981 Fair Fund guidelines will also be compatible with the Pennsylvania Junior Dairy Show dates This does not mean that the date changes will automatically get into all fair catalogs this year

Class	Born between
Junior calf	March 1, 1981 and May 31, 1981
Intermediate Calf	December 1, 1980 and February 28, 1981
Senior calf	September 1, 1980 and November 30, 1980
Junior yearling	March 1, 1980 and August 31, 1980
Senior yearling	September 1, 1979 and February 29, 1980
Junior 2-year-old	March 1, 1979 and August 31, 1979
Senior 2-year-old	September 1, 1978 and February 28, 1979
3-year-old	September 1, 1977 and August 31, 1978
4-year-old	September 1, 1976 and August 31, 1977
5 years and over	Born before September 1, 1976

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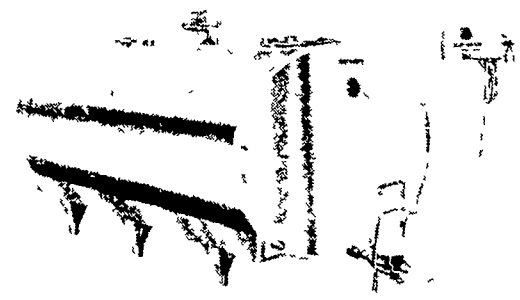

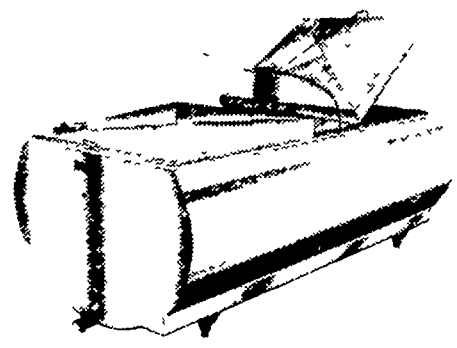

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Burpee announces five new vegetables for 1981

DOYLESTOWN — W. Atlee Burpee Company has introduced five new varieties of vegetables and seven new flowers to delight gardeners in 1981.

These latest developments from Fordhook Farms are described in this year's catalog. For a free copy, send your name and address to Burpee Seed Co., Warminster, PA 18974.

Here's a glimpse at what's new:

NEW VEGETABLES

— **Green Goliath Broccoli,** great for home gardeners because it produces large, tight budded, blue-green center heads over a three week period After the main heads are picked, good side shoots develop to extend harvest further

— **Streamliner Hybrid Cucumber,** Crisp cucumbers for slicing, salads and relish tray in summer; for pickling to enjoy in winter Streamliner is a gynoecious (all female—no pollen), compact vined hybrid that bears a bonanza of long slender cucumbers in one-third less garden space that standard vining varieties

— **Venus Hybrid Muskmelon,** a mouthwatering Honey Dew type with bright green, very thick, juicy sweet flesh. Unlike the Honey Dew melon, however, Venus fruits slip easily from the vine when they're ripe and ready to pick No *guesswork in harvesting, it's* easy to tell when Venus is at its peak of perfection to enjoy as an appetizer or dessert.

— **Grenadier Pea,** superflavorful fresh-picked from the garden. Grenadier vines grow 14 to 17 in. tall, are resistant to powdery mildew and produce a big crop of plump pods, each filled with 7 to 10 large, delicious green peas. They're easy to pick and shell for tonight's dinner or the freezer.

— **Burpee's Early Pick Hybrid VF Tomato,** luscious fruit early and continuously throughout the summer Fans of Burpee's Big Early Hybrid Tomato will be enthusiastic about new Early Pick Hybrid VF. It's similar but even better because the plants are resistant to Verticillium and Fusarium wilts. Fruits average 7 6 oz , some up to 1 lb , and are solid, yet juicy, with a good old-fashioned tomato flavor

NEW FLOWERS

— **Blue Moon Hybrid Ageratum,** lovely powder blue color alone or "painting" garden pictures with white alyssum, Nugget Hybrid Marigolds and Rose Starlet VP Zinnia Blue Moon Hybrid Ageratum is especially attractive for edgings, borders, rock gardens and growing in containers

— **Red Velvet Celosia Cristata,** Brilliant standout cockscomb both in gardens and dried arrangements. *Plants are sturdy, 2 to 2½* feet tall, and produce single, huge crested terminal heads 10 inches across and 6 inches deep. *The color is a scintillating* crimson with a plush-like finish that makes this new cockscomb look and feel like Red Velvet.

— **Earliana Geranium, Mixed Colors,** sparkling shades for garden display and growing in containers. Earliana Geranium blooms fast from seed, is uniform, bushy and covered with flowers, yet economical to grow, especially for large mass planting. It's an open-pollinated variety with many of the good features of hybrids.

— **Fireworks Triploid Hybrid Marigold, Mixed Colors,** a brilliant colorama in the garden from early summer to heavy frost The bushy plants grow about 14 inches tall, start flowering fast and never stop Blooms are big and double, in shades of yellow, gold, orange and bright mahogany red Fireworks Marigold explodes with color in beds, borders and edgings, is just as striking to grow in containers, window boxes and pots.

— **Sweet 'N Gold Marigold, Odorless American Carnation-Flowered,** ideal for gardens and especially flower arrangements. Hedge-like plants about 24 inches tall, masses of bright golden-yellow, double flowers *starting early and continuing* all summer, no pungent odor in the leaves to get hands or clothes that's Sweet 'n Gold Marigold, tops for both garden display and indoor enjoyment.

— **Pink Splendor Hybrid Zinnia,** a rich rose-pink color superb in gardens and bouquets. Pink Splendor Hybrid Zinnia grows about 21 inches tall, is vigorous and covered with big, fully double blooms for summer to fall. There are lots of flowers to pick, and still plenty left to highlight the garden.

— **Snowbird Marigold,** the first named variety of white marigold. Seeds are free if *you order items totalling $10* or more from the catalog

Lancaster tobacco show scheduled Jan. 6

LANCASTER — The annual Lancaster County Tobacco Show for youth and adults will be held Tuesday, Jan. 6, at the Farm and Home Center, Extension basement meeting rooms.

The show, as scheduled, includes 10-11:30 a.m. - F.F.A. and 4-H Club entries due; 10 a.m.-1:30 p.m. - Adult entries due; and 1:30 p.m. - Judging begins.

The classes that are being offered for this show will be the same as for the State Farm Show:

Class 1 - Wrapper B's - Div. A - Long wrappers, over 26 inches; Div. B - Short wrappers, 26 inches and under.

Class 2 - Filler B's - Div A - Long fillers, over 26 inches; Div. B - Short fillers, 26 inches and under.

Class 3 - Binder Type - Div. A. - Long binders, over 26 inches; Div. B - Short binders, 26 inches and under.

Class 4 - 4-H Club Wrappers — No length specified.

Class 5 - 4-H Club Fillers — No length specified.

Class 6 - FFA Wrappers - C1 — No length specified.

Class 7 - FFA Fillers - C2 — No length specified.

An exhibit of tobacco consists of a hand of 15 leaves tied with a tobacco leaf. Select leaves that are **uniform** in size, color, texture and free from insect, disease or mechanical damage

A brief description of the classes

Wrappers — These leaves should have a rich chestnut brown color; be of medium weight with good stretch; usually come from the middle of the stalk.

Fillers — Leaves can be similar to wrappers but are heavier in body, feel and texture; may be darker in color; usually come from the top of the stalk.

Binders — The deluxe leaves; are very thin with a silky feel; light chestnut in color and having plenty of life and stretch.

Both FFA and 4-H Club members may also exhibit in open classes - 1, 2, or 3. An exhibitor may enter **only ONE hand of tobacco** in a class. All exhibits entered in the County Show will be taken to the State Farm Show unless the exhibitor requests otherwise.

Jerseys to run milk price campaign

COLUMBUS, Ohio — "Campaign Equity; 800 in '80" has reached its goal of having 800 dairymen financially supporting its efforts towards establishing a nationwide equitable milk pricing system.

"Campaign Equity" was launched on January 1, 1980 to boost the number of financial supporters of equity pricing from 200 to 800

The money being invested by these 800 dairymen is being used to (1) Work towards the incorporation of an equitable (protein or component) milk pricing system into the Federal Order. (2) Contact dairy cooperatives, plants and other dairy groups about the need for an equitable milk pricing system

For further information contact National All-Jersey Inc., Box 27310, Columbus, OH 43227, or phone. 614/861-3636.

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Lynn Schwalm	Herndon
Peter's Bros. Meat	Lenhartsville
Hamilton Bank	Lancaster
John Frey	Douglassville
Clarks Packing	Shamokin

LAMB BUYERS

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William Hartman	Limekiln
Ralph Zettlemoyer	Breiningsville
Meller Meats	Warren, NJ
Harold Bingaman	Millersburg, PA
Marvin Kull	Stockton, NJ
Hamilton Bank	Lancaster
Walter Mendel	Brewster, NY
Elmo Manieri Meats	Betchelsville
Tom Hornberger	Birdsboro
John Frey	Douglassville
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Jack Kohler	Alburtis

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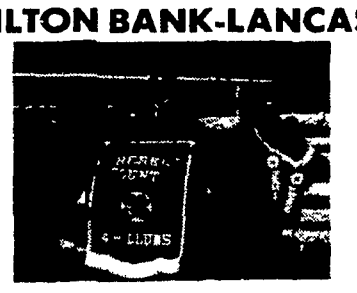

Grangers plan to focus on noxious weed problem

HARRISBURG — Charles E Wismer, Jr., Master of the Pennsylvania State Grange, announced, Friday his organization's major priority for the coming year would be to solve the noxious weed dilemma facing the state's agricultural industry

"The deciding factor was the Game Commission's agreement to support legislation allowing the Secretary of Agriculture to declare a weed "noxious" through legislation," Wismer stated

"We tried to accomplish this in the last Legislative Session," Wismer noted, "but due to the amount of opposition we encountered, we had to abandon that approach and settle for designating Johnsongrass a noxious weed."

When a weed is declared noxious", its eradication from Pennsylvania soils becomes mandatory by law. It is also illegal to sell, transport, or grow that weed

Besides Johnsongrass, the Canadian Thistle is another weed already declared noxious At this time, it takes an act of the State Legislature to add a weed to the list.

The Game Commission's concession to support the legislation came during a meeting called by State Representative Sam Hayes Approximately forty Huntingdon County farmers came to the State Capital to find out why no action had been taken to declare multi-flora rose a noxious weed

Hayes immediately called a meeting inviting the Game Commission, the State Agriculture Department, and the farm organizations

During the meeting, State Master Wismer called on State Agriculture Secretary, Penrose Hallowell, to ensure that Penn State University begin research on multi-flora rose eradication

He also called on the Ag Department to begin testing eradication methods on the institutional farms in the 1981 crop year. The state's institutional farms were recently turned over to the Ag Department by the Department of Public Welfare.

Another weed receiving mention by the Huntingdon County farmers and the State Grange as deserving the noxious weed designation was autumn olive

Autumn olive is a thorny, woody plant bearing a brownish berry being grown and propagated by the Game Commission as a wildlife cover and food provider.

It was noted by many of the farmers present that it took over many otherwise useful pastures more quickly than multi-flora rose.

"Thorns on the autumn olive are worse then the ones on the multi-flora rose," one farmer noted "One of my combine's tires was punctured by an olive thorn this fall."

Due to public outcry that does not yet match that against multi-flora rose", the Game Commission has already decreased production of the autumn olive by "fifty percent"

Realizing simple declaration of one weed or another by the Legislature as not being the solution, State Representative Sam Hayes charged Stated Agriculture Secretary, Penrose Hallowell, with the duty of drafting legislation to allow noxious weed designation.

He urged Hallowell to have the legislation drafted by early February He also called on the Game Commission to consider stopping production of the autumn olive at their next meeting in late January.

Indicating his wish not to be 'blindsided when the legislation came up for consideration," he warned all the groups present, cooperation was necessary if anything was to be accomplished.

In another related effort, he also charged Ag Secretary Penrose Hallowell to ensure that the Soil Conservation Service would not advocate the use of either multi-flora rose or autumn olive for cover on abandoned mine sites

Vitamin E deficiency costs cattlemen $$$

NUTLEY, N J — Obvious cases of Vitamin E deficiencies are rare, but marginal deficiencies aren't, according to a spokesman for the Department of Agriculture & Animal Health.

Severe lack of Vitamin E results in nutritional muscular dystrophy (white muscle disease) in cattle, a disease chiefly affecting the muscles including the heart A marginal deficiency of Vitamin E results in less than optimum performance

Studies on the effects of feeding cattle supplemental Vitamin E show improved weight gains and feed efficiency These studies, consisting of 30 observations, were conducted with beef cattle in the Southeast, Midwest and West coast regions of the United States

Results show that feeding supplemental Vitamin E at rates ranging from 10 to 50 I.U per head daily increased average daily gain of cattle from 1.5 to 8.1 percent compared to those not receiving supplemental Vitamin E The greatest improvement in average growth rate resulted from feeding 50 I U of supplemental Vitamin E per head daily

The improved performance with Vitamin E supplementation suggests that marginal Vitamin E deficiencies (deficiencies associated with suboptimum performance) do exist and can prove costly through poor performance

Vitamin E occurs mainly in plant life and cattle's primary source of Vitamin E is from feedstuffs However, the Vitamin -E content is reduced when feedstuffs are processed using heat, drying, grinding, cooking, pelleting or steam rolling and when the feedstuffs are damaged due to molds or insect contamination

Because many variables affect the Vitamin E content of feedstuffs, a herd's Vitamin E needs should be carefully evaluated to see if supplemental vitamins can improve performance, the spokesman concluded.

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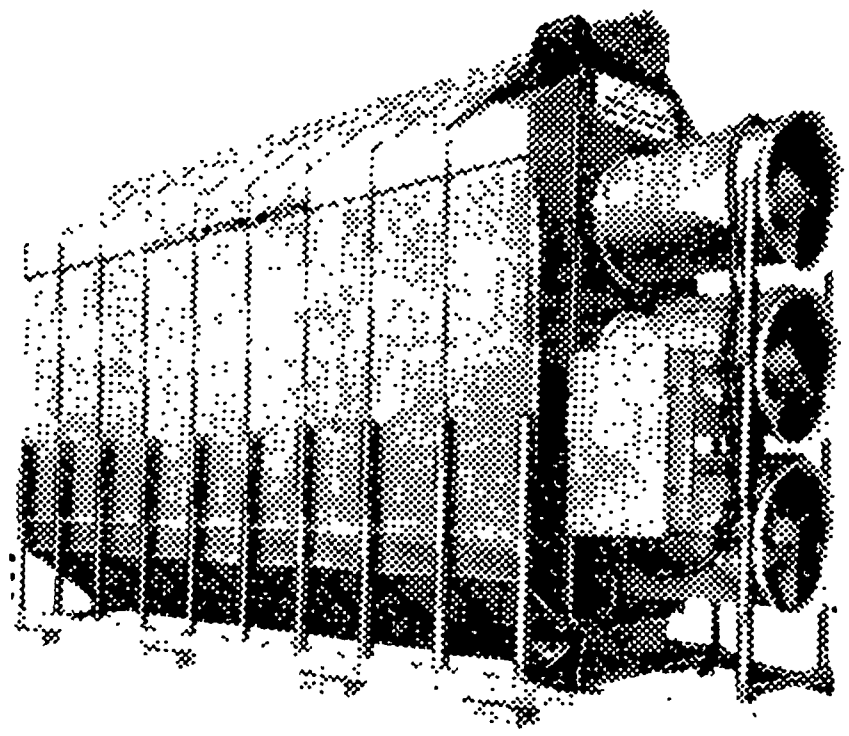

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Maas joins Valley Animal Hospital team

PALMYRA — There's a new face among the veterinarians at Valley Animal Hospital these days. Dr. Synthea Maas, DVM has joined the team and will be sharing in the everyday chores of herd health in the area, along with contributing to the column, Ask the VMD.

What might catch a few farmers by surprise is Dr. Maas is a woman vet. She's been practicing veterinary medicine for the past 2½ years.

Rest assured — the doctor is no stanger to the farm. She grew up on a farm in Iowa where her parents raised beef, swine, and field crops.

Dr. Maas received her training in the veterinary field at Iowa State University in Ames, and married an Iowa dairy farmer's son, Gerald Wedemeyer.

Recently, Dr. Maas traveled to Pennsylvania with her husband and three sons, Zachary, 4, Jacob, 2, and Micah, 1. Their destination was Hershey's Medical Center, where Gerald is in his first year of residency in pathology.

On October 14, Dr. Maas joined Valley Animal Hospital and has been practicing on a part-time basis. She explained she handles the small animal clientele on Tuesday, Wednesday, and Friday, and helps out with the large animal calls on weekends.

When asked what she likes most about being a veterinarian, Dr. Maas stated, "In my experience coming from a farm, I've found that most farmers and veterinarians are gentle people. They're mild mannered and easy to get along with. I've found that held true all through school and now in practice."

She added the thing she dislikes the most about practicing veterinary medicine is destroying animals because the cure is too costly.

"I get turned on trying to save animals. If it weren't for the costs involved in medicine and tests, I'd try to save them all.

"It tears me up to see older people bringing in their equally old pets and and having me resort to euthanasia because they don't have enough funds to pay for the visit, much less more testing."

Dr. Maas pointed out she feels there is too much testing done in human medicine, where in veterinary work there is sometimes not enough done.

She said that many diagnoses done in veterinary medicine are made based on the history of the animal's condition as described by the farmer and its physical appearance and behavior.

"We do a lot of punting," she said.

Dr. Maas said she welcomes the opportunity to begin practicing medicine in an area she decribed as having "first rate dairy farms." She noted she prefers to work on swine and dairy cattle, and remarked the dairy cattle she's seen concentrated in Southeast Pennsylvania "may be the best in the nation."—SM

Dr. Synthea Maas, D.V.M., joined the staff at Valley Animal Hospital in October. She wil be contributing to the column Ask the VMD — providing answers to questions sent in to Lancaster Farming on herd health and related problems.

Last call for no-till tickets

LANCASTER — No-till corn stood up well under last summer's drought, compared with conventional-tillage corn, reports V. Allan Bandel, extension soils specialist and professor of agronomy at the University of Maryland.

Bandel will be reporting on his 1980 research findings next month during the afternoon session of the seventh annual Mid-Atlantic No-Till Conference. The six-state farmer education meeting is scheduled January 8 at the Host Farm Resort, located five miles east of Lancaster, on U.S. highway 30.

Theme for the 1981 meeting is "No-Tillage Managing for the Future." The all-day event will run from 8 a.m. to 3:30 p.m., with the formal program getting under way at 9.30 in the Cabaret Theatre.

Tickets for admission to the meeting and a noon luncheon must be purchased by today. They are available only from county extension offices in Delaware, Maryland, New Jersey, Pennsylvania, Virginia and West Virginia. No tickets will be available at the door.

Bandel is vice-chairman of the planning committee for the conference The chairman is Donald J. Overdorff of Carlisle, an Extension agricultural agent in Cumberland County, Pa. Overdorff says he expects a capacity crowd of more than 1000 persons for the all-day event.

As in past years, the meeting is being sponsored by the extension service in each of the participating states. Co-sponsorship and financial support are being provided by 30 related agribusiness firms.

There will be educational and commercial exhibits prepared by the U.S. Department of Agriuclture and the agribusiness sponsors. The booths will be located in the exhibit hall at Host Farm Resort. Also on display will be a selection of no-till drills for sod-seeding.

Lancaster District plans study of non-point pollution

LANCASTER — The Lancaster County Conservation District may be looking into the county's non-point pollution potential in the near future, stated Tom Johnston, District Administrator

He explained the District applied for state funds in November which are part of a federal Environmental Protection Agency grant for "208" studies under the Rural Clean Water Program

Johnston said plans to study the Conestoga Creek, east of Martindale, along with Indian Run, north of Ephrata, are being analyzed. The District is looking at the possibilities of working cooperatively with two adult farmer teachers from Eastern Lancaster County, Bob Anderson and Don Robinson, he said

We'll be looking at the type of cropland and the farming practices in a 75 percent sample along the Conestoga, along with the number of animal units and closeness to streams. We'll be spot sampling Indian Run — taking a 10 to 15 percent sample."

Johnston noted the District is hoping to begin the study sometime in January or February. However, the work cannot start until the District's application has been approved by the Pennsylvania Department of Environmental Resources' Bureau of Soil and Water Conservation.

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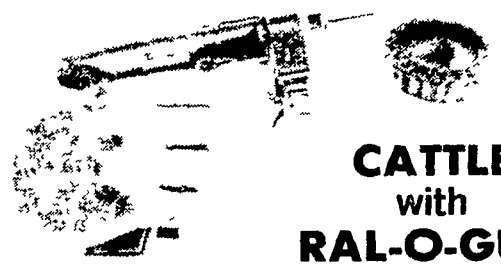

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Vegetable growers can make no-till work for them

UNIVERSITY PARK — Growers of some vegetables in Pennsylvania may be able to reduce soil erosion and save time, energy and money by switching to the "no-till" or minimum-till techniques already successful for many crops.

So say two Penn State researchers who found that potatoes, sweet corn and particularly snap beans grow well when planted in unplowed or virtually undisturbed soil.

Now in their third season of testing are Doyle W. Grenoble, superintendent of the University's Horticultural Research Facilities, and Ernest L. Bergman, professor of plant nutrition.

They're trying to find what combination of crop, fertilizer, pesticide, cover crop and tillage will yield the optimum quantity and quality vegetables.

"It's long been assumed that some vegetables having shallow root systems will produce better yields in finely prepared soil," says Bergman. "Our preliminary findings show this isn't necessarily so for all vegetables.

"We're very encouraged by our results. Not only are there large potential savings of soil quality, costs and energy, but no-till or minimum-till offers the possibility of planting and harvesting in wetter-than-normal soils."

Writing in the spring issue of the University's "Science in Agriculture," Grenoble and Bergman describe their 1978 and 1979 comparisons of no-till and minimum-till to three types of conventional tillage.

They use a disc harrow, moldboard or chisel plow to penetrate the soil to respective depths of 6, 8 or 12 or 14 inches; followed first by one or more passes with a harrow to break up clods, and then by use of a rotary harrow to prepare soil beds.

In 1978, planting in soil which contained the previous season's corn stalks or tomato plant residues, they used no-till techniques to grow muskmelon, tomato, potato and sweet corn.

Last summer, they used as mulch a winter wheat crop they had deliberately killed in the spring; and they experimented with no-till as well as with two methods of reduced tillage.

Due to production problems, they dropped melons and tomatoes. They substituted beans believing they'd be a good no-till crop, because their short growing season prevents weeds from competing too much, and their root systems and large seeds require less soil preparation.

Essentially, they found that while in this specific testing period no-till tomato yields were three to four times lower than for conventional methods, melon yields were down one-fourth, a statistically insignificant amount; and the snap bean crop was one to two-and-a-half times larger.

Also, while the no-till sweet corn yield averaged almost one-third less in 1978 than conventionally grown sweet corn, the following year the gap narrowed considerably with no-tillage. And while no-till potato tonnage was almost one-third less the first year, in 1979 the yield differences were minor.

"We think the winter wheat mulch may have made the difference," says Grenoble. "To find out, we're again testing potatoes and beans.

"At the same time, we know that many other inputs are important, and we're trying to determine which of many no-till variations offers the best prospects for different vegetables.

"Some of the things we're looking at are no-till versus minimum-till; what kind of sod or previous cover crop is best; how much fertilizer and pesticides should be used; and how soil type influences these choices."

"We believe," Bergman adds, "that for some vegetables no-till can match conventional tillage yields, can cut growers' costs and even can help improve soil structure and thereby reduce erosion — because continuous plowing breaks down the soil's natural structure and texture."

But with the prospects also come problems, they explain.

Thus, some of the things that must be studied are whether several no-till seasons might have to be interspered with plowing, because the soil might become too compacted; whether failure to disturb the soil might not cause increased mice populations; and whether new conditions will not be conducive to increased pest and disease problems.

"While these are some of the questions which must be answered," says Grenoble, "we believe no-till has definite possibilities for some crops, under certain conditions. If we can find the optimum crops and conditions, we'll have achieved a radical advance in vegetable production."

Advantages of interval feeding for sows outlined

CHICAGO, Ill. — Pork producers who limit-feed their sows on the ground or on a concrete apron should consider an interval feeding program, suggests James D. Hedges, manager of swine research for the Wayne Feeds' Research and Development Center at Libertyville, Ill.

The interval feeding program allows the bred sows access to a self feeder for 4-6 hours every third day. This program runs from breeding to one month prior to farrowing at which time the sows should be fed every other day.

Hedges points out the advantages of limit feeding, include:

—reduced exposure of gestating animals to bacteria and parasite eggs on the ground or concerte;

—reduction in the over-condition and under-condition of sows due to the "boss sow" problem;

—more uniform litters and;

—reduced labor.

Some guidelines Hedges says will help make the interval feeding program successful are:

—have no more than 20 sows per 12-hole feeder;

—use the same ration as would be used for 4 lb. feeding daily;

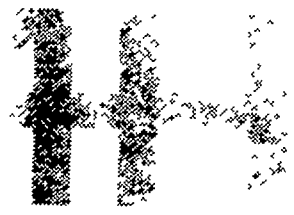
—provide water at all times;

—select round self-feeders for large sows; and

—add fiber to the ration to help stool condition; fiber also tends to slow the rate of feed passage.

The interval feeding program can greatly reduce parasite and bacterial problems for producers who are now feeding sows daily on the ground or concrete, Hedges concludes.

JOIN



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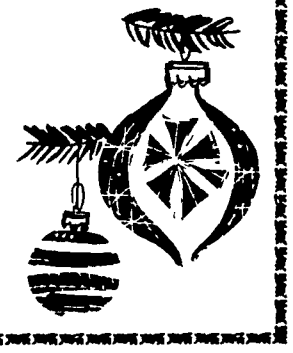

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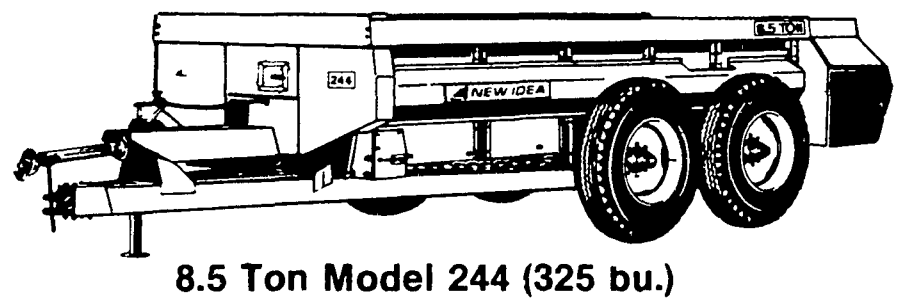

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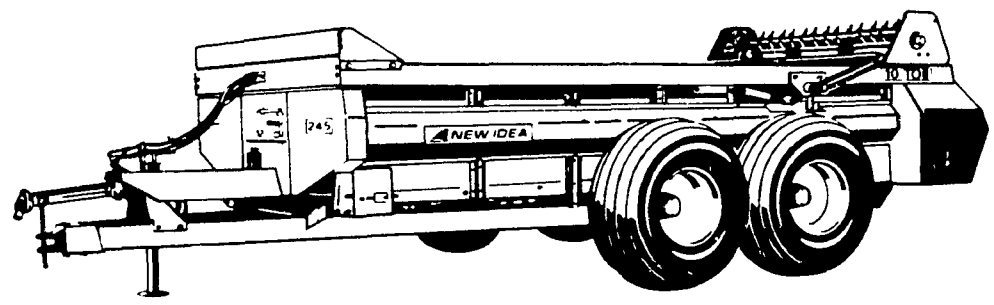

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Oakenbound Holsteins find gold mine in black and whites

BY SHEILA MILLER

RICHLAND — It was like finding a gold mine in a coal dump when Richard Troutman and his sons found the Holstein heifer at a consignment sale in Schuylkill County in 1977 The yearling heifer was to be the first of a family of the black and whites to bring fortune to the Troutman partnership, Oakenbound Holsteins located near Richland

"After we bought the heifer, we liked her so much we decided to go after the family," said Richard in recounting a success story filled with hopes and misfortune

When they went to the heifer's former owner and inquired about her dam, Troutmans learned the cow was not on Carl Snyder's list of favorites She had failed to become pregnant for the dairy farmer, so it was either sell her or make hamburgers out of her

As Nelson described it, when he studied the cow's pedigree his only concern was "Can she walk?"

What was so exciting about a cow who was one step off the kill floor — mother of a heifer who had proven to be a top milker on the Oakenbound string?

Bloodlines — the dam, Carl-A Bootmaker Fobes, was sired by Paclamar Bootmaker out of a Whirlhill Kingpin dam Add to the pedigree the fact the third dam was an Osbornedale Ivanhoe daughter and you come up with a combination that's dynamite

The heifer, Carl-A Chief Faith, had a pedigree equally worth its weight in gold Her sire was the outstanding Pawnee Farm Arlinda Chief — another heavyweight in the Holstein stud world

According to a spokesman for a leading bull stud, the bloodlines on Faith and her dam Fobes were the building blocks to a "continental pedigree"

Production records were the proof of the pudding as far as the Troutmans' faith in Faith was concerned

After her first calf, a Whittier-Farms Apollo Rocket son, Faith made a 365 day record of 22,869 pounds milk, and 957 pounds fat with a 4 2 percent test Her 305 day record as a two-year-old was 20,152 pounds milk, and 823 pounds fat with a 4 1 percent test She indexed 11 42 with a predicted fat difference of +51 pounds

Richard Troutman, right, and his sons Nelson, center, and Richard, Jr. have high hopes for these daughters of Fobes. Both Farah, left, and Faith have contributed to the Oakenbound Holsteins embryo transfer program. With production records in the 20,000 pound range, these high-indexing cows will serve as foundation dams in a breeding program that can boast a continental pedigree.

Faith's production record didn't fizzle out after her second Apollo Rocket calf, a heifer Her record at three years and eight months of age stands at 26,981 pounds of milk with 1340 pounds fat for a 5 0 percent test over the 338 day record

After Faith's probationary first year and the purchase of Fobes, the Troutmans' decided to go for one more family member That same year they purchased Faith's half sister Carl-A Jet Stream Farah — a yearling daughter of Arlinda Jet Stream

In her first lactation, Farah also milked in the 20,000 pound range Her 305 day record was 20,295 pounds milk, 694 pounds fat, with a 3 4 percent test For the year, Farah let down 23,293 pounds milk with 810 pounds fat with a 3 5 percent test She indexed 15 61 with a predicted butterfat difference of +33 pounds

Faith's and Farah's dam, Fobes, also was no disappointment for Oakenbound Holsteins According to father Richard, Fobes put it all together — milk, test and type

With these three powerhouses in their starting lineup, Troutmans decided to take advantage of their pedigrees and produce a string of top-notch calves

We began embryo transfering soon after we bought Farah and Fobes — around July, 1978," said Nelson 'We hired Dr William Pettit, Jr of Huff 'N Puff Embryo Transfer out of Juliustown, N J to help us get started We chose him because the transfers could be done at the farm with our own heifers receiving the eggs '

Nelson recalled the first time they tried ET, they flushed 10 eggs from Fobes Out of those 10 eggs, four were 'good" and those were surgically implanted successfully

The next May we had four Pawnee Farm Arlinda Chief calves — two heifers and two bulls out of Fobes," he said

The second time Fobes was superovulated, she flushed six fertile eggs seven days after she was bred to S-W-D Valiant and Ack-Lee Chief Moneymaker

As Nelson, who does his own inseminating, explained, when he decided to select two sires to artificially breed to Fobes, these two bulls had to be approved by the Holstein Association in Brattleboro, Vermont (The two bulls' bloodtypes had to differ so the calves' sires could be determined after birth)

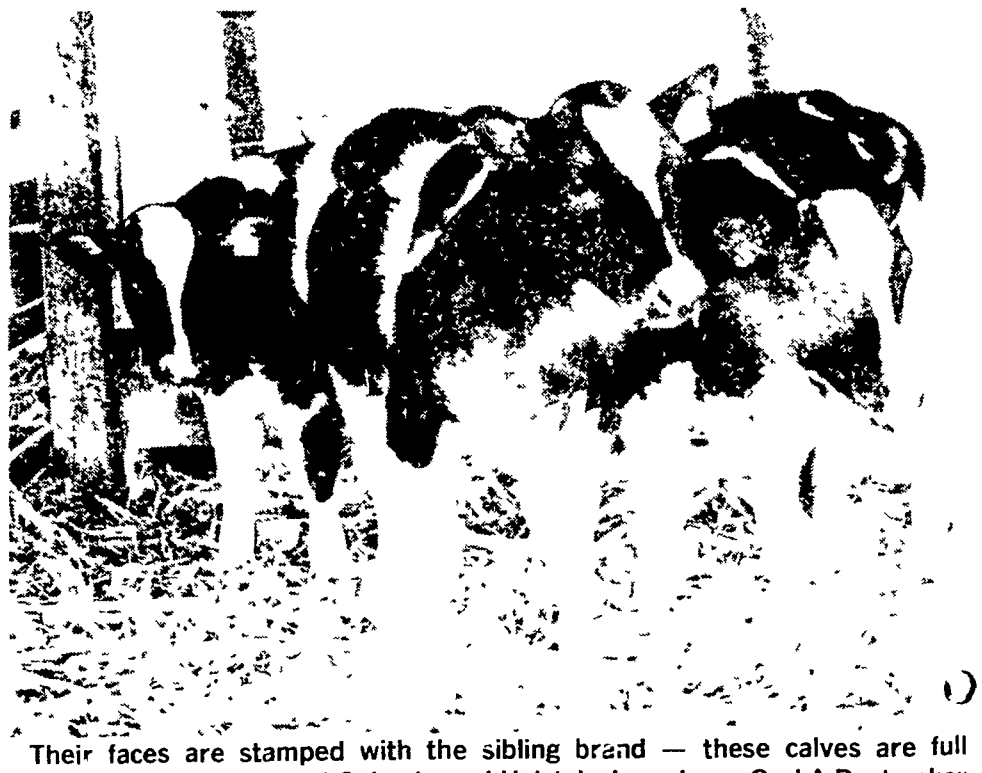
Fobes gave birth" to six calves this past August, and last week the Troutmans said they found out the five bull calves are all Valiant sons and the one heifer calf is by Moneymaker

When you decide to use more than one sire to breed your supered' cow, it means a long wait until you can sell the calves We were on the telephone to Brattleboro to get the typing done this fast, but three of the bulls will be

(Turn to Page A39)

The Troutmans' first purchase in the family was Carl-A Chief Faith, bought at a consignment sale in 1977 Her 305 day record as a two-year-old was 20,152 pounds milk with 823 pounds fat, and her three-year-old record increased to 25,599 pounds milk and 1262 pounds fat Her first ET calves, bred by Glen Valley Star will be on the ground this March

Nelson herds together the last ET calves the Troutmans will have out of Fobes. It was a shock and a disappointment for the farm when this top-pedigree cow died this past fall. However, these five bull calves by S-W-D Valiant will be carrying on her traits of milk production and type.



Their faces are stamped with the sibling brand — these calves are full brothers and sisters out of Oakenbound Holsteins' aged cow Carl-A Bootmaker Fobes The bull and two heifers are sired by Pawnee Farm Arlinda Chief.

Building firm to open new plant near Gettysburg

Guests in attendance at the ceremony were, front row Daryl Aurand and Brett Rininger, Morton salesmen; Richard Selby, Gettysburg Chamber of Commerce; Ron Hankey, President of the Adams County National Bank; W.R. Hampton and Ruth Detweiler of the Gettysburg Chamber of Commerce; Rod Weaver, plant manager; Art Clark, representative from Morton's general offices; Fred Shealer and Emory Seibert, Straban Township supervisors; Mike Pyers, Gettysburg sales office manager. In the back row are Dean Schultz, Vice President of Gettysburg Engineering; Clyde Williams of C.E. Williams Construction; Bill Kane, Marshall L. Miller Real Estate; and Bill Williams, Morton salesman

GETTYSBURG — Morton Buildings, Inc. of Morton, Illinois, a manufacturer of pre-engineered farm buildings, held groundbreaking ceremonies for a local plant on Tuesday

The new facility, to be in operation by early summer, will be Morton's sixth manufacturing plant in the United States.

Other plant locations are Morton, Illinois, Winfield, Kansas, Spencer, Iowa, Goodfield, Illinois; and Kenton, Ohio. Service area for this new plant will be the Eastern Seaboard.

The new site is located six miles east of Gettysburg along U S 30. The plant will consist of two buildings 72 feet by 324 feet plus office space.

A maintenance shop will also be erected for Morton's truck fleet of 20 tractors and 40 trailers that are to be assigned to this plant.

On the same property, adjacent to the plant, Morton will have its own lumber yard covering eight to ten acres of land

The new plant will be managed by Rod Weaver presently employed by Morton in Kenton, Ohio. He will be supervising the progress prior to completions as well as aspects of production.

More than 70 persons will be hired locally to fill plant, office, and driver positions.

Guest of Morton in attendance at the groundbreaking were, Richard Selby, W.R Hampton, and Ruth Detweiler of the Gettysburg Chamber of Commerce; Ron Hankey, President of the Adams County National Bank, Dean Schulty, Vice-president of Gettysburg Engineering; Clyde Williams of C.E. Williams Construction, Bill Kane of Marshall L. Miller Real Estate; Fred Shealer and Emory Seibert, Straban Township supervisors

In attendance from Morton was Art Clark, representative from Morton's general offices; Rod Weaver, plant manager for the new facility; from the Gettysburg sales offices, Mike Pyers, sales office manager, Brett Rininger, Daryl Aurand, and Bill Williams, salesmen.—MM

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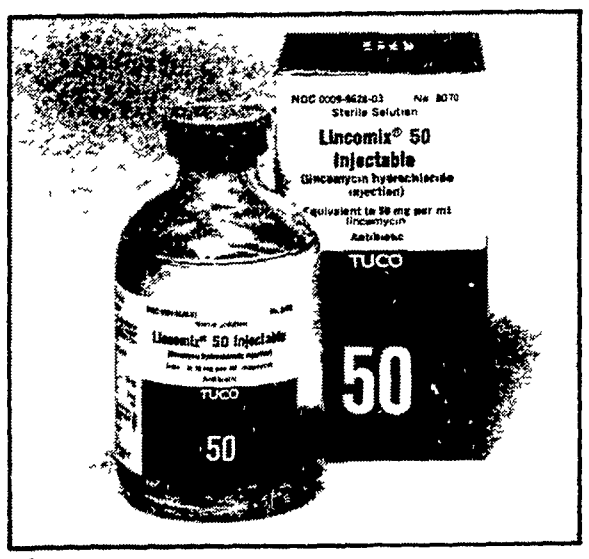

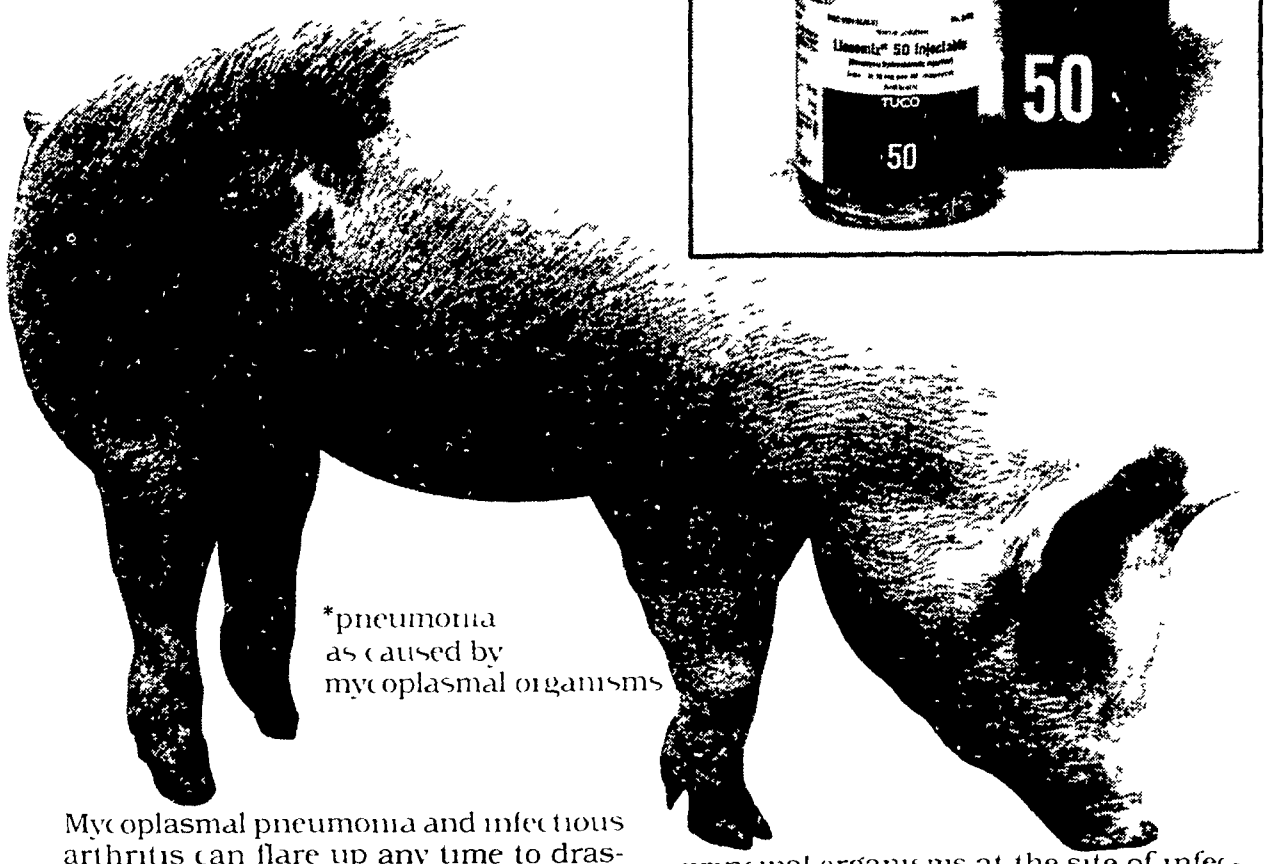

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Farm estate planning seminar on Jan. 8

CARLISLE — A seminar for estate planning professionals on farm estate planning is scheduled for 9 a m Jan 8 at "The Embers", Carlisle, by the Penn State Extension Service

The program, which has been organized by Area Farm Management Agent, Roland Freund, aims to equip accountants, attorneys, bank trust officers, insurance agents and family financial planners with a better understanding of the problem of farm families

Income tax implications of farm estate planning will be discussed by atty Jeffrey S Wachs, Lancaster Farm partnership agreements are to be presented by atty M Elvin Byler, Lancaster Anthony Campolo of Eastern College, St Davids will analyze the problem of motivating the farmer client Atty Richard L Campbell, State College, will give the practical application and drafting of trust agreements for farm families The program will conclude with a farm estate planning update by Frederick A Hughes, Penn State Farm Management Specialist

An advance registration is required with a remittance of $25 per participant County Extension Offices in Adams, Cumberland, Dauphin, Franklin, Lancaster, Lebanon, Perry and York Counties have flyers and registration forms for the event Further information can be obtained by contacting Roland Freund at the York County Extension Service, phone 717-757-9657

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U.S. fertilizer output could hit 55 million tons

LITITZ — The U.S. fertilizer industry could reach nearly 55 million tons in domestic product movement in the current 1980-81 year, predicted Ed Wheeler, president of The Fertilizer Institute during a national meeting at mid-week.

Wheeler estimated that, based on Institute data, producers moved 53 million tons of fertilizers to the U.S. marketplace in 1979-80, a four percent increase over the previous year, for a record. Previous record was 1977-78 at 51.6 million tons, domestically.

Speaking at the TVA National Fertilizer Development Conference, held in concert with the Institute's Annual Trade Fair, Wheeler based his prediction for another record fertilizer year on five observations.

"1. Currently, all U.S. grain prices are at or above year-ago pre-harvest prices. Wheat prices, for instance, have not buckled, even in the face of a record winter wheat crop.

"2. Corn yields will be well below last year - perhaps by 3/4 billion bushels. Soybean harvest will be below earlier predictions. All this adds to further strong grain and oilseed prices for farmers.

"3. Cotton prices are high - very high. Smaller farmers have sold most of last year's crop but big farmers have not.

"4. Exports of U.S. grains have continued at high levels despite the 'embargo' of U.S. grain to Russia. Look at the facts: 1979 - 137 billion metric tons of grain in export at $32 billion value; 1980 - export of 150 million tons is in sight at $38 billion.

"5. U.S. government help for farmers through increased loan rates and target prices already is being enlarged by a billion dollars. Additional help will come in 1981, if farmers need it - regardless of who is president."

Wheeler indicated that fertilizer retailer inventories appear to be at a low level with some of the larger retailers now beginning to buy for fall sales.

"Producer inventories are well within normal limits." However, he warned his fertilizer retail listeners to keep a close watch on continuing heavy export demand for U.S. fertilizer products. "We will have a stronger demand than you may think," he cautioned.

In all, the industry leader projected a decidedly positive outlook for '80-'81. "Farmers will really farm in the year ahead — and they will be farming on a rising farm market"...a mere ideal market situation for fertilizer sales, he said.

A loaded truck much larger than this one would not be able to cross the bridge on Rt. 372 east of Quarryville. To avoid the 11 ton weight limit, most big rigs detour along Rt. 472 which turns off just before the bridge. This span over Conrail tracks, and others like it, will be the subject of a meeting at Refton Fire Hall Monday.

Bridge meeting

(Continued from Page A1)

Across the Octoraro Creek between Lancaster and Chester Counties is a bridge where the posted weight limit is different depending on which end of the bridge is approached Either end, farmers maintain, is posted too low for typical rural truck traffic

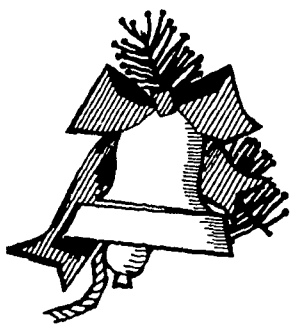
Farmers at the meeting Monday can expect to hear a pitch for State Governor Richard Thornburgh's proposed SWAP tax which has been promoted as the only practical answer to the declining condition of highways and bridges

The SWAP tax would be a six percent levy at the pump on gasoline. The Administration says the measure would raise $50 million for every penny tax. Debt service on existing red ink would eat up the first five cents of that tax.

In some cases PennDOT has granted temporary permits to allow truckers to cross posted bridges

This possibility also may be discussed at the meeting on December 22.

The meeting is opened to the public and all individuals or group representatives are welcome to attend.—CH



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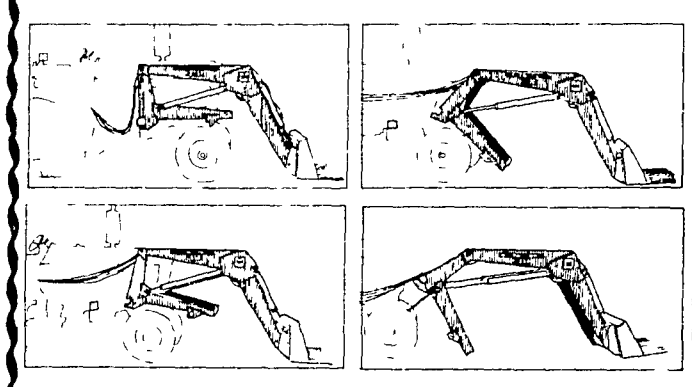

Loaders can be mounted or dismounted in less than 5 minutes and once the loader is off the tractor its sub frame serves as a parking stand

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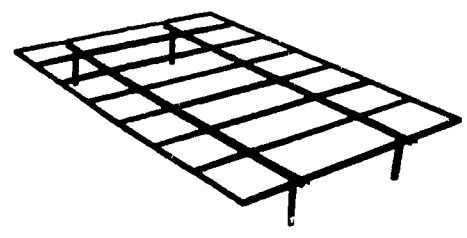

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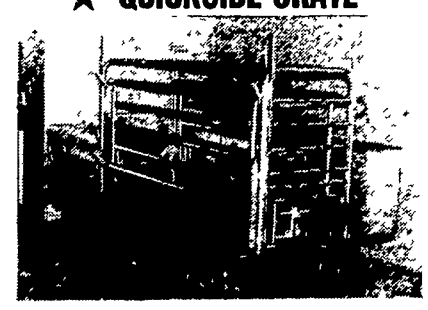

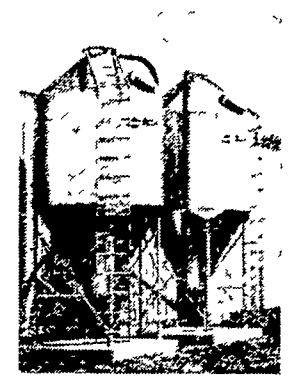

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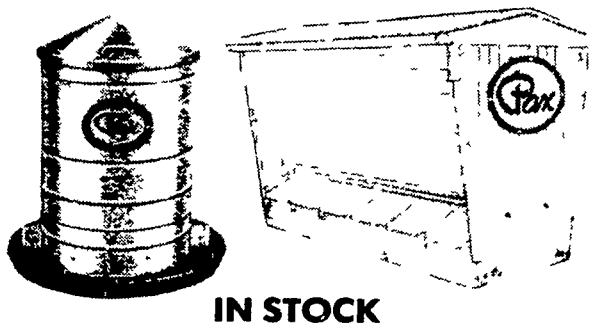

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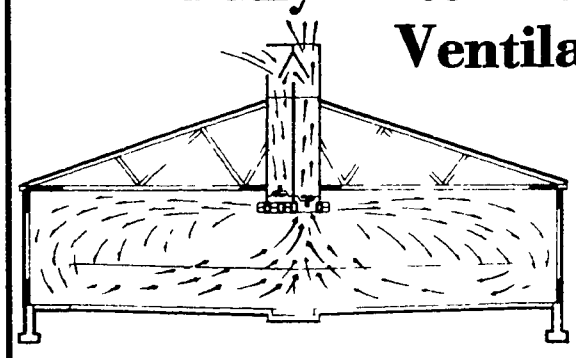
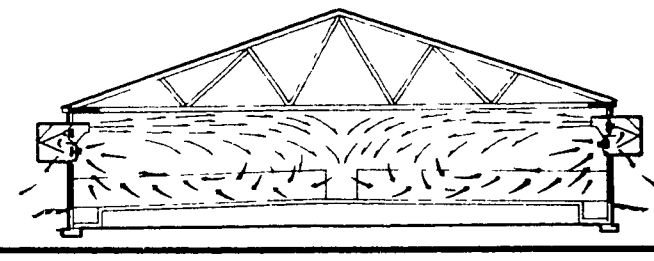




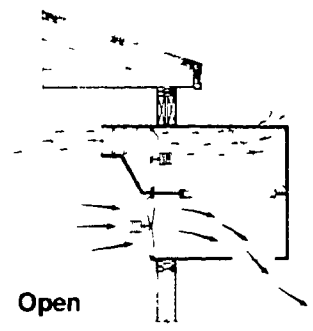
A unique air blending process provides even temperatures and controlled, draft-free air flow.

- Reduce animal stress
- End temperature fluctuations
- Reduce drug costs
- Reduce incidence of pneumonia and disease
- Reduce labor
- Lower condensation
- Confine manuring

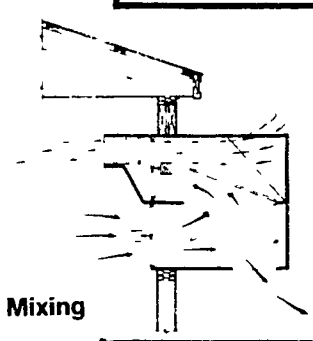
Why The 'Martin-air' System is best for you

The success of Martin-air systems rests on a different concept than that used by most ventilation designs. Others work by exhausting air completely then drawing cold air from outside—usually at the other end of the barn. Martin-air units use an exclusive damper system which mixes fresh air and exhaust air so the output of the unit is never more than 4°F different from the room temperature. And, at any given spot in a properly designed barn, the temperature should seldom vary more than 1°.

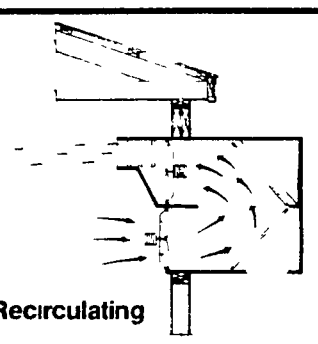
The Martin-air principle is simple and effective. Thermostats control fan speed and a dampered mixing chamber to blend fresh air with warm air. Constant circulation throughout the building maintains uniform temperature, eliminates drafts and reduces condensation to provide a dry environment.



Open



Mixing



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'Martin-air' can fill your specific needs

No matter what your livestock confinement requirements, a Martin-air System can be designed and installed to fulfill your needs Systems are designed to create a stable, draft-free environment based on building architecture, insulation, number of animals, and all heat sources Successful installations are operating in many calf barns, dairy houses, hog, poultry and rabbit operations and even horse barns

Martin-air units are available in a wide range of ceiling or wall-mount models and each installation is carefully designed by ventilation specialists

Martin-air ventilation can be installed in any existing building you may be using for livestock confinement, even old bank barns.

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ASC representatives

(Continued from Page A1)

reports the following election results:

County Committeemen

Chairman Paul B. Kline, 1400 Brunnerville Road, Lititz; Vice Chairman LeRoy H Welk, R4, Quarryville; Regular Member David H McMichael, R6, Lancaster; First Alternate Harold B Kreider, 955 Kreider Road, Lititz; Second Alternate Samuel H. Kreider, R1, Quarryville

Community Committee

Community No 1 Conoy, West Donegal & Mount Joy Townships: Chairman Victor F. Dohner, R1 Elizabethtown; Vice Chairman Paul M Wolgemuth, R3, Elizabethtown; Regular Member J. Richard Snavely, R3, Box 650, Elizabethtown; First Alternate Samuel M. Snyder, R1 Elizabethtown; Second Alternate Harold J Andrews, R1, Bainbridge

Committee No 2 East Donegal & West Hempfield Townships· Chairman Harold W Ney, R1, Box 63, Marietta, Vice Chairman Donald C Drager, R1, Box 108, Marietta; Regular Member Lewis E Bixler, R1, Marietta; First Alternate Paul S Sauder, 924 Silver Spring Road, Lancaster; Second Alternate Donald E Mowrer, R1 Marietta

Community No 3 Rapho Township Chairman Albert Breneman, R2, Manheim; Vice Chairman Clyde H Wolgemuth, R2, Manheim; Regular Member Robert L Brubaker, R2, Manheim; First Alternate Earl Swarr, R2 Manheim, Second Alternate Paul N Newcomer, R3, Box 856, Mount Joy

Community No 4 Penn, Warwick & Elizabeth Townships Chairman Forney F Longenecker, 820 Woodcrest Ave , Lititz; Vice Chairman Harold B Kreider, 955 Kreider Road, Lititz; Regular Member Roy H Garber, R3, Lititz; First Alternate Ronald E. Kline, 43 E Lincoln Ave , Lititz, Second Alternate H Benjamin Snavely, R1 Lititz

Community No 5 East Cocalico, West Cocalico, Brecknock, & Clay Township· Chairman Walter Augsburger, R1 Reinholds, Vice Chairman Mahlon Eberly, R2 Denver; Regular Member James W. Martin, R1 Stevens; First Alternate Earl E Martin, R1 Ephrata, Second Alternate David D. Zimmerman, R1 Reinholds.

Community No 6 Caernarvon, East Earl & Earl Townships. Chairman Harold B Wissler, R1 New Holland; Vice Chairman Eugene S. Eberly, R2 New Holland; Regular Member Walter Clair Martin, R2 New Holland; First Alternate Larry P. Weaver, R1 New Holland; Second Alternate William Fisher, R2 East Earl

Community No. 7 Ephrata, West Earl, & Upper Leacock Townships· Chairman Robert E Martin, R3 Box 812, New Holland; Vice Chairman Luke Ray Zimmerman, R4 Ephrata; Regular Member Roy E. Hoover, R1 Leola; First Alternate LeRoy H. Martin, R2 Ephrata; Second Alternate John J Landis, 2648 Creek Hill Road, Leola

Community No 8 Salisbury & Leacock Townships Chairman Raymond M Hoover, R1 Gap: Vice Chairman Fred G Seldomridge, Jr , R1 Gap, Regular Member Chester R Eby, R1 Box 175, Kinzers; First Alternate Melvin J Martin, R1 Box 66, Gap; Second Alternate Jacob L Kreider, R1 Kinzers

Community No 9 East Lampeter, West Lampeter, & Lancaster Townships Chairman Kenneth B Garber, R2 Willow Street; Vice Chairman J Nelson Harnish, R1 Willow Street; Regular Member Arthur L Breneman, R1, Willow Street, First Alternate Glenn P Book, 655 Strasburg Pike, Lancaster, Second Alternate J Robert Esbenshade, 150 Bowman Road, Lancaster

Community No 10 Manheim & East Hempfield Townships Chairman Earl N Landis, R7, Manheim, Vice Chairman James E Kettering, R7, Box 80, Manheim, Regular Member Nelson L Rohrer, 1165 Hunsicker Road, Lancaster, First Alternate Lynn H Royer, 2625 Oregon Pike, Lancaster; Second Alternate Lester E Landis, Jr , R3, Box 315, Lititz

Community No 11 Manor, Conestoga, & Pequea Townships Chairman Carl Harnish, R6, Lancaster; Vice Chairman J. Clayton Charles, R2, Lancaster; Regular Member J. Robert Kindig, R1, Conestoga; First Alternate NElson R Habecker, R2, Lancaster.

Community No. 12 Eden, Bart & Sadsbury Townships· Chairman J Kenneth Landis, R2, Christiana; Vice Chairman Kenneth Stoltzfus, R1 Box 156, Christiana; Regular Member G. Preston LeFevre, R3, Quarryville; First Alternate Harold Grant Troop, R3, Box 97, Quarryville; Second Alternate J Leslie Landis, R3 Box 290, Quarryville.

Community No 13 Strasburg & Paradise Townships Chairman Richard W Barge, R2, Ronks; Vice Chairman James C. Landis, R2, Ronks, Regular Member J. Edwin Rohrer, R1, Paradise; First Alternate James W. Bowman, R2, Ronks; Second Alternate C Melvin Neff, R2, Ronks.

Community No. 14 Martic, Providence, Drumore & East Drumore Townships Chairman Samuel H Kreider, R1, Quarryville; Vice Chairman J. Scott Wolff, R2, Quarryville, Regular Member Wilmer P Bolton, R1, Holtwood; First Alternate Robert S. Smith, R1, Drumore; Second Alternate E. Benjamin Shank, R2, Holtwood.

Community No. 15 Fulton, Little Britain & Colerain Townships: Chairman Fred W Crider, R2 Nottingham; Vice Chairman A. Dale Herr, R1 Box 369, Kirkwood; Regular Member Donald B. Trimble, R2, Peach Bottom; First Alternate Matthew Lee Young, R2, Peach Bottom; Second Alternate Jay L Ranck, R2, Box 35, Peach Bottom

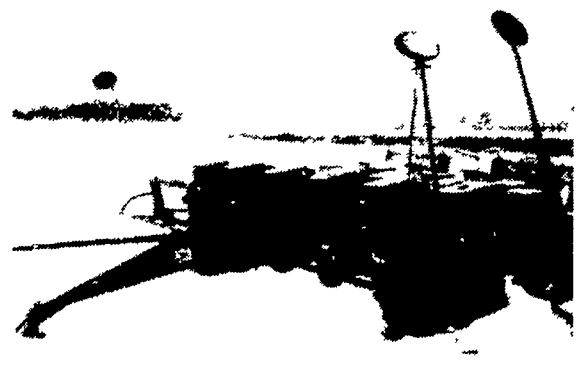
THE MANAGEMENT AND EMPLOYEES OF EVERGREEN TRACTOR COMPANY WISH YOU AND YOUR FAMILY A

MERRY CHRISTMAS

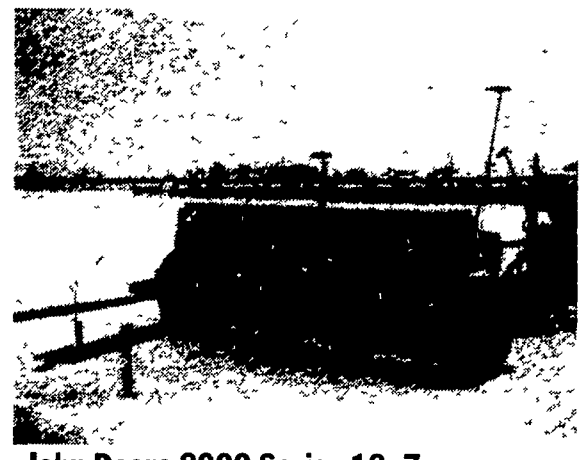
AND A HAPPY NEW YEAR

IHC 455 4-Row Planter $950

Oliver 4-Row No-Till Planter $2350



John Deere 1250 6-Row Plateless Planter $2150



John Deere 8000 Series 18x7 Plain Grain Drill $3250

USED TRACTORS

IHC Super C fast hitch w/2 bottom plow	~~$1,675.00~~	$1,525.00
AC CA	~~1,250.00~~	995.00

USED HARVESTER SPECIALS

NH 880 2-row narrow row head	~~$3,650.00~~	$3,300.00
NH 717	~~1,175.00~~	1,050.00
Fox 1000 RPM PTO w/2 row corn hd Pk up attach	~~1,495.00~~	1,350.00

USED PLANTER SPECIALS

JD 8948 Row 30 A 1 Shape		$2,350.00
John Deere 494	~~$850.00~~	770.00
Oliver 4 row Plate	~~1,250.00~~	1,125.00
John Deere 1250 6 Row		3,850.00
IHC 6 Row Cyclone w/Liquid Fertilizer		1,950 00

USED BALER SPECIALS

JD 24T w/#2 ejector	~~$1,650.00~~	$1,475.00
JD 24T w/#2 thrower	~~1,650.00~~	1,395.00
AC 444	~~850.00~~	775.00
John Deere 14T	~~750.00~~	675.00
John Deere 14T w/ejector	~~450.00~~	400.00
NH 270 w/thrower	~~1,950.00~~	1,750.00
Ford 530 w/thrower		1,850.00

USED COMBINE SPECIALS

JD 55 Diesel w/cab, 12' Platform	~~$7,500.00~~	$6,750.00
Cockshutt 427 w/Power Steering & 10' Platform	~~1,450.00~~	1,300.00
IHC w/10' Platform		1,175.00

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New Holland 479 as is	~~$2,150.00~~	$1,925.00
John Deere 1209		3,300.00

USED TILLAGE SPECIALS

Brillion 12' Roller Harrow		$1300.00
Bush Hog 10' Disc		1,250.00
Oliver Disc Harrow	~~1,175.00~~	1,050.00
Ford 4 16 ' Plow	~~950.00~~	850.00
JD KBA 32x18 Wheel Carrier Disc	~~875.00~~	750.00
Brillion 10 Double Packer	~~350.00~~	325.00

MISCELLANEOUS

John Deere 148 Loader	~~$2,200.00~~	$1,975.00
John Deere #58 Loader A 1 Shape	~~1,800.00~~	1,600.00
New Set 18 4x30 Snap on Duals w/New Goodyear 6 Ply Tires	~~1,050.00~~	945.00
Used NH #8 Crop carrier	~~1,150.00~~	1,025.00
John Deere 24 Skid Steer Loader		3,950.00

SNOW REMOVAL SPECIALS

(1) New JD #275 Snow Blower, twin auger, 7 3/4 ft. cut, 3 pt. hitch, 130 h.p gear box $2,175.00

(1) New JD 260 Snow Blower, single auger, 7' cut, 3 pt. hitch, 65 h.p. gear box $1,475.00

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New 3 pt. hitch Blades starting at $165.00

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Holiday Greetings

It's a magical season, filled with dreams come true! Hope your holiday's brimming with smiles and laughter!

Oakenbound Holsteins

(Continued from Page A34)

exported to France through the American Marketing Service if everything goes all right Another Valiant son is going to Carnation Genetics," Troutman says.

Telephone calls, blood-types okayed, ET expert hired — is it worth all the trouble?

The Troutmans' answer to that question is an emphatic "yes"

"Everything is worth while," said Richard "The only thing is you're fooling around with Mother Nature and they say you can ruin a cow"

'It's a serious business," added Nelson, "but it's the best thing to happen to us We've had more of the right calves out of Fobes in two years than her previous owner had in eight"

But there'll be no more calves out of Fobes for the Troutmans A freak mishap in the barn set the stage for the cow's downfall, and she died this fall of pneumonia

"She was in her tenth year and it would have been nice to have had 10 more calves out of her, but at least we have 10 on the ground — better than if Fobes would have gone for hamburger," Nelson mused

Those ten offspring will hopefully be carrying on Fobes' production traits Her lifetime record stands at 126,496 pounds of milk with 4961 pounds fat This Very Good-88 cow was in milk 2407 days during her lifetime

The Oakenbound Holstein's next ET calves are due March 15 These calves are out of Faith and bred by Glen Valley Star

"We supered Faith on Friday the 13th," Nelson said, "and we flushed 13 eggs. One of those eggs was infertile and all but four of the rest were dying So, we transplanted the four and got two pregnancies

"We singled Farah as a two-year-old and got a bull calf by Bis-May Astro Jupiter He was born July 19 last year and will be consigned at the ET Invitational Sale in March at the Penn-Col Farm, Millville"

Nelson smiled when he said they hope to superovulate Faith's Apollo Rocket heifer, calved January 3, 1980.

"We'll single her and breed her to Persuader first. That way we'll know if she's cystic or if there are any problems before we superovulate her"

But Nelson cautioned others interested in trying ET that before any injections are given to a donor cow, the farmer needs to have a market for the bulls

"Make sure it's a cross that someone is interested in buying and get as many sold before the breeding as possible You may find you will need to change your thinking on breeding your cow to Jet Stream if all the studs and breeders want are Chief sons"

Embryo transfering requires good cycling cattle, record keeping, and an understanding of genetics and breeding before it is undertaken — otherwise the end results could mean two to ten poor calves that won't cover the costs of the procedure, Richard warned.

It also takes recipient heifers (at least 10 to 15 for a super, said Nelson) with records on their heat detection, a series of 12 injections of follicle stimulating hormone to the donor cow, prostaglandin for both donor and recipients so their heats are synchronized, and finally palpating the recipients and implanting done by a transfer technician.

Nelson admitted the process takes a bit more time than the normal breeding program on most dairy farms, but he said ET is worth it

Echoing his comments is brother and partner Richard R, Jr. and father Richard who started the dairy business with his wife Phoebe some 30 years ago

"I started milking with 18 grade cows," laughed Richard "My dad didn't let me buy purebred cattle because they cost too much Now we have 109 cows on test of which 95 percent are registered.

"The only cows that aren't registered are the grades we bought for recipient heifers and decided to keep after they calved — otherwise we'd be 100 percent registered," Richard says

Not only has the size of the herd increased, but so too has the size of the farm.

When Richard started farming, the farm had only 98 acres Since then more acreage has been purchased and the farm is now up to 125 acres

Growth — it seems to be a trend at Oakenbound Holsteins Now, with their foundation stock and ET program, they're growing some of tomorrow's production record breaking Holsteins

The Troutmans are proving the color of gold is sometimes black and white

The Troutmans use calf kennels for raising calves. Richard said he agrees with the experts that good ventilation and clean, dry air are the key to raising calves. Using materials around the farm, they constructed the kennels using the Penn State design.

Why plants need magnesium

LITITZ — Magnesium — without it we would not have a green world. Magnesium is a part of every plant cell

Magnesium is the heart of chlorophyll, the green pigment in plants. The process of photosynthesis, by which the plant combines sunlight, air, water and certain elements to produce plant tissue, would cease without magnesium.

Deficiencies of magnesium in the soil or the presence of magnesium in the soil in forms of very low availability results in reduced plant yields and plants of low nutritional quality

A lack of magnesium in the diets of animals, particularly cattle and sheep, have led to health problems that are fatal under severe conditions This condition is called 'grass tetany" or "grass staggers" Animals suffering this condition have low magnesium levels in their blood serum. The treatment for the condition is injections of magnesium

As magnesium is not accumulated in the animal system daily, intake of the proper amount of magnesium through the animal diet is important. Thus, good plant and animal nutrition begins with a good soil fertility program

Most soils contain large amounts of magnesium However, very acid soils or sandy soils may lack adequate magnesium supplies for good plant nutrition Even though soils may contain adequate magnesium an unbalanced soil fertility condition may reduce the uptake of magnesium by plants. Very high soil potassium levels often prevent plant uptake of magnesium.

Good magnesium nutrition for plants and animals is greatly dependent upon a sound soil fertility program beginning with the proper use of limestone Limestone should be applied to maintain soil pH above 6 0 which keeps magnesium in the soil available to plants If soil supplies are low, dolomitic or high-magnesium limestone should be used in the liming program

Land Bank interest to go to 12 percent

BALTIMORE, MD — Interest rates on Federal Land Bank loans will increase to 12 percent effective February 1, 1981

The announcement of the increase was made last Friday by Gene E Swackhamer, president of the Baltimore Farm Credit District

Swackhamer said the increase is in response to sharply higher cost of funds experienced in recent weeks

Market conditions are monitored closely and appropriate adjustments to interest rates are made as soon as practical, he added

Swackhamer also said the Land Bank is imposing a three percent closing fee on new money loaned based on applications taken on and after December 1, 1980

He said the three percent fee is being levied to alleviate the burden of having to charge an even higher interest rate on existing loans

Merry Christmas

PUBLIC AUCTION

BUILDING LOTS, FARM EQUIPMENT, TRUCKS, WALNUT & CHERRY LUMBER

SAT., JANUARY 3, 1981

at 10 A.M

(8 miles north of Kutztown), go N. from Rt. 22 & New Smithville exit, follow Rt. 863 toward Stines Corner for 4 miles, turn onto rd to farm, Lehigh Co Pa.

1978 JD 2440 tractor w/roll guard, enclosure, 15 5x38 tires, 540 hrs , JD 146 heavy duty front end loader, & Meyers 8' snow blade; Farmall H tractor, culti for same, MC 203 combine w/10' grain head & two row corn head, NH 469 haybine, JD 14-T baler, Athens 11' hvy duty transport tandem disc ; Dunham 9' disc , three sec spring tooth harrow, 9' single roll cultipacker, Ontario 16 disc grain drill on steel, JD F 145-A semi mt four bot 16" pl, JD three bot 14" 3 pt. pl, JD two bot 14" trailer pl; JD 490 four row corn planter, JD 290 two row corn planter; N Idea 12-A manure spreader, Wood Bros 72" rotary cutter (new), Little Giant 22' elev (new); Century 300 gal trailer weed sprayer (new), N Idea four bar rake on rubber, N Idea 7" trailer (PTO) grass mower, hyd. wood splitter, (2) four wheel rubber tire trailers, (2) two wheel rubber tire trailers, 1970 Ford ½ ton pickup, 8 pickup camper cab; 1936 Chev truck chassis (running); Allis Chalmers 8 hp. 36" riding mower; 22" mower, 300 gal. skid fuel tank w/pump; 275 gal. oil stove tank, hyd. cylinders, Rem SL-4 chain saw; new bee hive & accessories; seasoned rough sawed lumber including approx 300' walnut, 100' cherry, 500' oak, drum type poultry plucker; 3 hp two piston air compressor; hyd jacks; carpenters elec. hand tools & equip , assorted hand tools; car & truck tires; approx. 100 wooden pallets; sand blasting gun & attach.; ABC fire extinguishers, plus many articles too numerous to mention

Auct. Note: Above equip. in nice condition.

Building Lots (3) 1+ acre lots to be offered separately, all perc tested, fronting on twp. & state roads

Terms: 10% day of auction, bal. within 30 days or favorable financing terms available, call Auction Co. for details. For inspection of lots call 285-4171.

Terms: Cash or check Refreshments served

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PUBLIC SALE

OF HOG & STEER FARM

SATURDAY, JANUARY 24

at 2 P.M

Located 2 miles East of Mt Joy, 1 mile West of Rt. 283. On Manheim-Mt. Joy Rd. turn north onto Strickler Rd. then left onto Bricker Rd. (near Pleasant View Estates), Rapho Twp., Lanc. Co., Pa.

93 ACRES

more or less. with 67 acres under cultivation and the remainder in pasture & woodland w/running stream.

BANK BARN with 2 drive-in's & a corn barn attached A 20 x 80 ft. silo with feed shed, 40 x 128 ft. steer barn with outside apron, 30 x 120 ft finishing house with pit, heated 42 x 64 ft farrowing house with 36 crates, 2 hog houses, all with pits and other misc. buildings

2½ STORY DOUBLE DWELLING with Asbestos siding Side #1 contains 3 rooms & bath upstairs and 3 rooms (modern kitchen) & half bath downstairs. Laundry room with shower is attached. Side #2 contains 3 rooms & bath upstairs and 4 rooms (modern kitchen) downstairs. Laundry room with shower is attached. Oil hot-water heat (2 furnaces) and slate roofs.

This property has approx 1319 ft of road frontage along Strickler Rd and approx. 400 ft along Bricker Rd

This farm has gravel land and is zoned agricultural

Persons wishing to view property may do so Saturday, Dec. 27 or Jan 3 from 12-4 P M or by calling 717-653-4905 for an appointment.

Sale by.

GLENN E. BRICKER
ELAINE F. BRICKER
J. David Young, Attorney

Terms: 10% Day of Sale with Balance on or before April 1, 1981

Auctioneer: Rufus Geib (665-4136)
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★ Strong ★ Lasting ★ Economical

Man-Ten 200 Wire
1800 lb. breaking string
Expected life of 35-50 + yrs.
Well under 2¢ per ft.

Koppers pressure treated posts to maintain a 40+ yr. expected life. Get Truckload Prices.

Order now before January - pickup while at farm show.

Save on 1980 income taxes — both prices increasing January 1. Some as much as 20%. Be sure you have the materials when you need them.

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Christmas Greetings

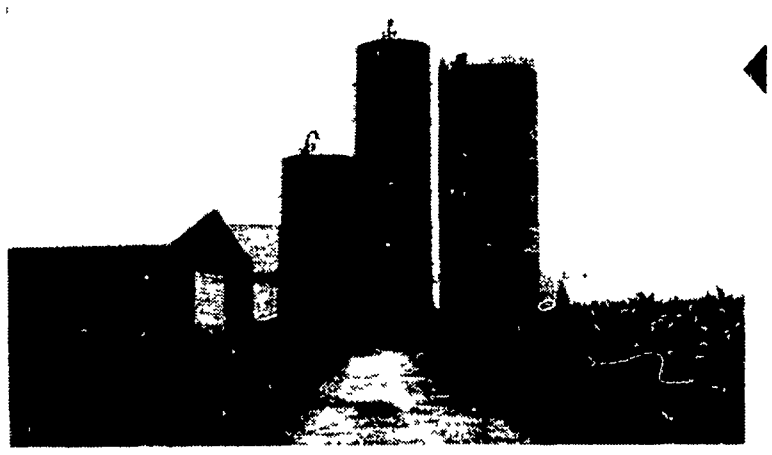
FROM ALL OF US TO ALL OF YOU!

Thanks For Your Faith And Trust Throughout 1980

DURING THE HOLIDAY SEASON, WHY NOT JOIN US WITH YOUR FAMILY FOR A VISIT TO SOME REALLY SUPER-MANAGED OPERATIONS!

HOLIDAY DAIRY TOUR

MONDAY, DECEMBER 29, 1980

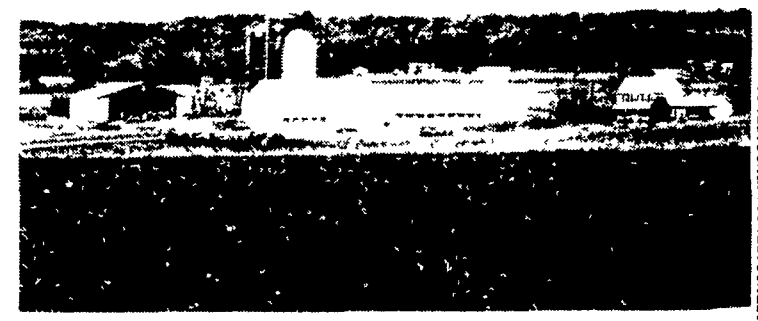


KENNETH MASE FARM, R.D. #4, Lebanon, PA

The Mase Family milks 71 cows with an average of 60 lbs. milk/head/day with a herd average of 18,535 lbs. milk and 728 lbs. B.F. The feeding program consists of Haylage (at 18-19% protein), Corn Silage, High Moisture corn and some baled hay. This Lebanon County dairy farmer has consistently higher production with low feed costs. This is a tour stop you will thoroughly enjoy.

LEWIS WERNER, WERNERWAY FARMS,
R.D. #1 Fredericksburg, PA

Werner's herd of 121 cows average 18,100 lbs. milk and 660 lbs. B.F. Haylage, Corn Silage, High Moisture Shelled Corn and baled hay make up the feeding program. In the last year, the average milk production per cow per day for the entire herd did not go below 54.5 lbs. milk per head. A new Slurrystore System is being installed for storing and processing liquid manure. Don't miss the opportunity to visit this well-managed, high-producing dairy operation!



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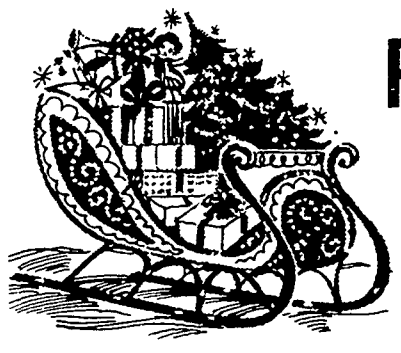

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State soil losses average 5.5 tons per acre

HARRISBURG — A new USDA Soil Conservation Service Document states that soil loss from erosion on farmland is over 31 million tons per year in Pennsylvania

This averages out to 5.5 tons per year for each acre tilled, states Graham T. Munkittrick, State Conservationist

Surprisingly, according to the report, about 70 percent of the erosion occurs on gently to moderately sloping land, rather than on steeper land Also, cropland in Pennsylvania decreases by 52,000 acres annually Woodland is decreasing at a rapid rate of over 170,000 acres per year. Urban and built-up land increased by over one million acres from 1967 to 1977

This data is contained in a recently published report. Pennsylvania National Resources Inventory Natural resource information is available on land use, conservation treatment needs and status, prime farmlands, potential cropland, sheet and rill erosion and wetlands.

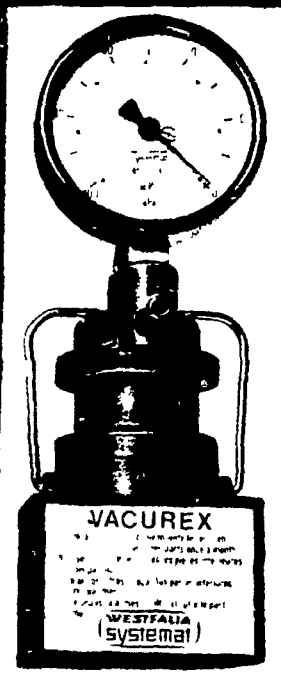
Data was collected from 1400 sample land units covering 100 acres each and located randomly over the State of Pennsylvania Field data was gathered by Soil Conservation Service personnel The report shows 10-year trends in land use and treatment

A National Resources Inventory was initiated by Congress under the Resources Conservation Act of 1977 The Act is designed to provide for the appraisal of the nation's soil, water and related resources.

The National Resources Inventory will be continuously updated at five-year intervals.

"The Inventory will provide direction for SCS's current conservation programs and assist in the development of future programs" Munkittrick added, "This information will also be useful to governmental agencies, planners, and individuals interested in land use planning."

Copies of the report are available from the USDA, Soil Conservation Service, at Box 985, Federal Square Station, Harrisburg, PA or at any county office of SCS.



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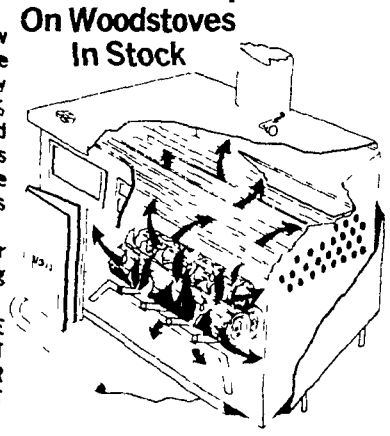

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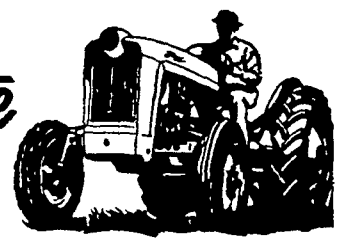

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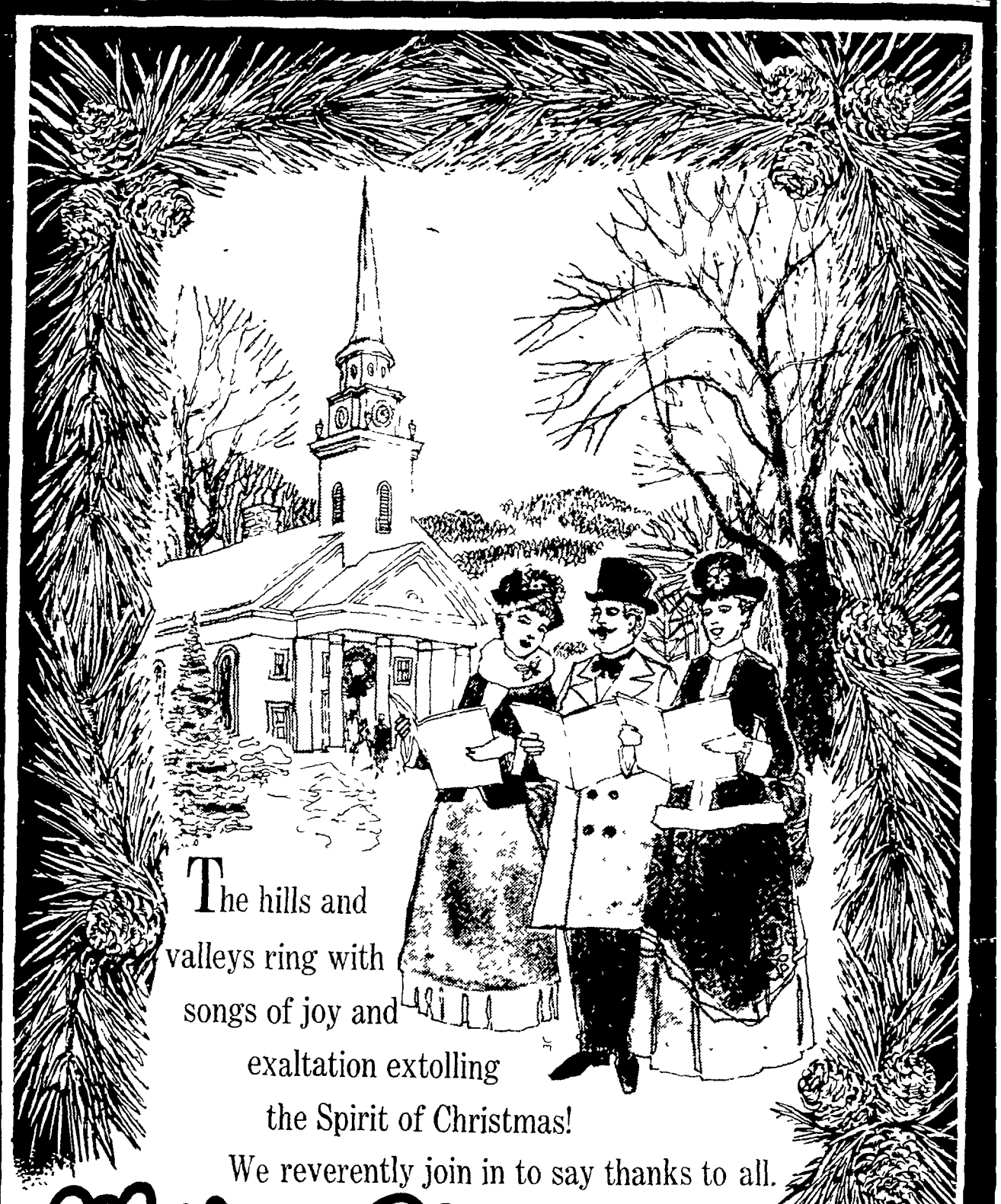

The hills and valleys ring with songs of joy and exaltation extolling the Spirit of Christmas!
We reverently join in to say thanks to all.

Merry Christmas

AGRI-EQUIPMENT, INC.

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2754 CREEK HILL ROAD, LEOLA, PA
Closed Saturday, December 27

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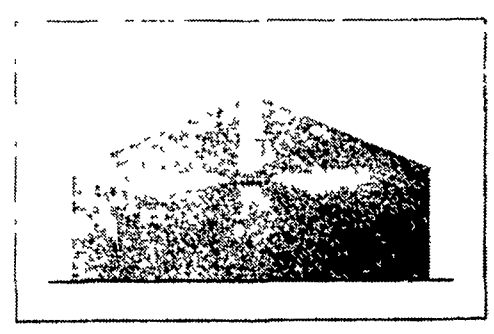
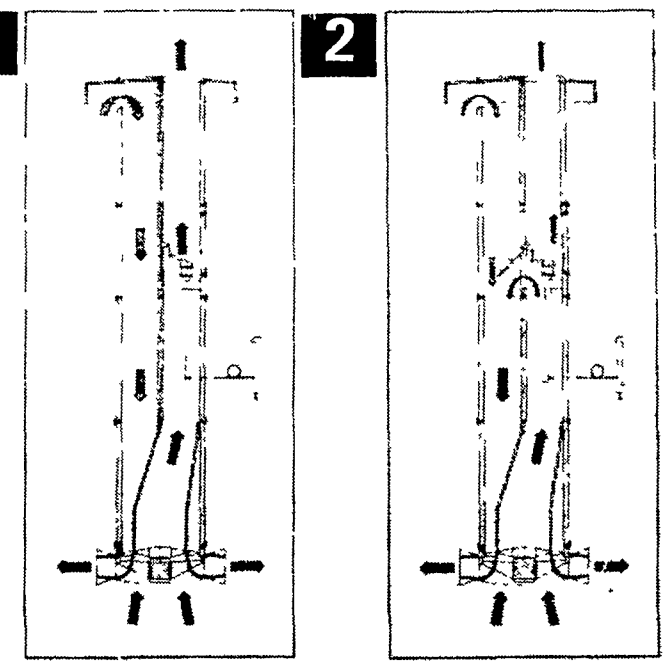
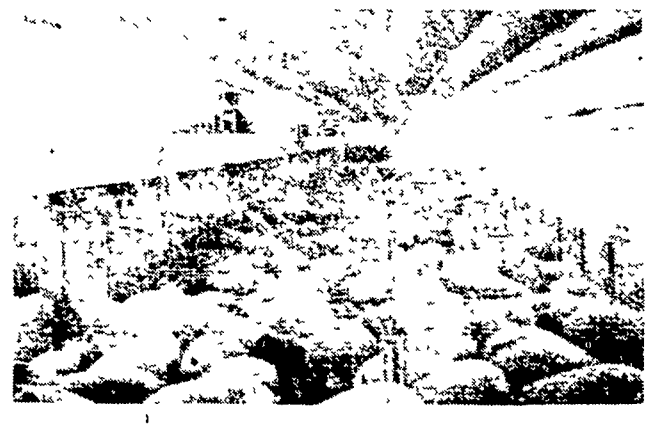




- ★ For Farrowing, Nursery, Calf Barns, or Wherever High Temperature is Required
- ★ Save Up to 80% on Heating Costs
- ★ A Special Feature of Fristamat Ventilation is the Individual Adjustable Air Nozzles



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Centre Co. DHIA Report

Annual Summary

Centre County finished its 57th DHIA year September 30 1980, with 94 whole year herds and 17 whole year owner sampler herds

Eighty nine herds with an average of five or more cows exceeded an average production of 400 pounds of butterfat A complete list of these herds follows

OWNER	BRD	NO COWS	LBS MILK	LBS FAT
Joseph Hartle, Jr	3	67 4	20,653	801
James & Susan Howes	3	50 9	20,606	741
Jay Houser	3	48 6	19,696	741
Valley Wide Farm	3	63 2	19,645	733
Richard & James Graham	3	99 5	20,211	718
Stringers Sand Ridge	B3	64 4	18,112	704
Richard Trinca	B3	47 3	18,798	701
L Thomas Musser	G3	41 0	17,640	699
Donald R Bielry	G3	58 0	17,990	696
Pond Dale Farms	B3	84 0	17 946	692
Evan & Ricky Homan	B3	58 8	17 913	679
Gemi Brush Valley	B3	53 1	17 287	678
John Ishler	3	47 0	17 288	657
Jerry Weight	B3	94 0	17,685	656
Penn State University	B3	135 4	17 908	654
Breezy Farms	3	124 6	17 789	648
Penn State University	5	17 0	14 185	645
Ralph L Rudy	B3	28 4	18,058	644
James E Rider	B3	74 8	17 047	640
Abraham W Allebach	B3	70 9	16 721	640
Roger Green & Larry Weaver	B3	53 4	17,692	637
Old Fort Farm	B3	38 5	17,362	636
Penn State University	2	11 1	12,399	636
Jack & Dean Decker	B3	67 6	17,713	634
Reesebrook Farms	B3	97 1	16 926	632
Fred O Benner	B3	99 9	16,371	631
Ned E Deitrich	B3	65 4	16,836	629
G Kenneth Nolan	3	35 8	16,750	628
Lynn & Margaret Neer	3	53 2	16,856	627
Tussey View Farms, Inc	3	48 0	16,584	625
Peters Farm	3	51 5	15,525	618
Paul Hartle	3	37 3	16,452	616
Sheldon A Corl	3	100 5	16,165	613
Hough Farm	B3	39 2	16,689	608
Bruce E Ulmer	B3	35 7	16,888	605
Rodney D Reese	B3	83 8	15,955	603
Harold W Lucas	3	60 4	16,405	602
Chaney R Reese	G3	71 8	15,462	600
Jesse & Mary Burkholder	B3	47 2	16,751	592
Franklin Rossman	G3	51 3	16,402	591
Barry Kerstetter	B3	76 4	16,339	591
Harold A Brooks	B3	84 1	15,862	591
Kermit Rider	B3	29 3	15,108	590
Fairbrook Farms	B3	112 9	17,842	589
Steven R Homan	B3	48 0	15,371	587
Daniel & William Boob	B3	64 2	16,128	586
Doug & Teresa Homan	B3	44 4	15,397	579
Thomas Boldin	B3	52 8	15,003	576
James & Renee Bates	3	80 2	14,905	575
Barr Farm	B3	53 8	15,694	574
James N Houtz	B3	49 4	15,842	573
James B Heckman	3	21 6	14,356	573
Albert Haagen	B3	25 4	14,400	569
George E Zimmerman	3	29 4	15,461	565
Mingo Meadow Farms	B3	48 9	15,364	562
Guy E Fleck	B3	46 6	15,473	559
George Homan & Sons	G3	72 2	14,217	559
Elwood Stine	B3	51 7	14,163	559
John & Mary Walters	B3	31 8	14,718	554
Jesse Kauffman	B8	49 2	14,968	547
Eric G Myers	B3	63 5	14,177	547
Penn State University	4	14 6	10,592	547
George R Futhey	B3	108 5	14,978	541
John Devinney & Son	B3	42 9	13,552	541
Daniel G Frank	B3	86 6	14,852	536
Richard Neer	B3	38 6	14,465	530
Thomas & Sherry Craig	B3	57 6	14,090	530
Penn State University	1	17 1	13,526	530
Robert A Patton	G3	58 3	14,677	528
Melvin G Miller	B3	71 9	14,295	527
Dale E Miller	B3	41 7	13,447	522
Sam & Carol McNichol	B3	33 3	13,616	521
William B Homan	B3	39 1	14,674	520
Delbert M Decker	B3	31 8	14,519	515
Claude Homan	B3	37 7	14,045	513
Delmer Homan	B3	41 5	13,474	509
L R & Pamela Homan	B3	54 0	14,574	508
Chester Ingram	B3	38 1	13,970	507
Paul H Vonada	3	54 7	13,127	507
H G & Alice McClenahan	G3	30 6	13,552	496
Carl R Gates	B3	20 4	13,224	492
Eugene Rossman	B3	27 7	12,659	486
Wells Farm	B3	47 0	12,702	484
Gary Smith	B3	28 4	12,461	484
Donn G Fetterholf	B3	41 2	12 581	476
Dale T Bresler	B3	63 7	12 394	468
George & Lynn Resides	B3	46 5	11 768	448
Wayne Robinson	B8	32 8	11 191	430
Harold Brown & Sons	B8	78 8	10,541	419

Two hundred sixty five cows listed below reached production levels of a minimum of 100,000 pounds of milk or 4000 pounds fat this year in Dairy Herd Improvement Assoc ation testing

OWNER NAME OR NUMBER	AGE	LBS MILK	LBS. FAT
The Pennsylvania State University			
6526	05 03 62	248,444	10506
7903	09 09-68	194 003	6065
7725	11 04-67	158,936	5647
1187	09 05 67	153,565	5364
8171	11 20 69	121,439	5147
8402	12 23 70	132 386	4734
8351	10 16 70	123 204	4253
8611	12 14 71	133,296	4113
8568	10 03 71	120,460	4080
8366	11 02 70	102,967	3856
8560	09 27 71	101,971	3116
George E Zimmerman			
Amy	10 23 64	240,472	9396
Fancy	07 05 68	155,794	5996
Holly	07 06 69	138 677	5294
Reva	12 08 68	119 233	4281
Jay Houser			
Jan	04 09 67	219,988	8462
Betty	11 12 67	195,231	7096
Sue	10 06 70	155,662	6516
Joy	09 26 70	171 298	6379
Bee	04 01 70	132,129	5474
Sadie	01 24 71	138,977	5180
Jerry	12 05 70	126 716	5115
Elli	08 24-70	148,036	5092
Shirl	11 28 71	126,576	4729
Mabel	07 03 72	100 953	4392
Bennie	11 01 70	116,005	3947
Idamae	07 24 73	102,255	3647
Roger Green & Larry Weaver			
Glamour	10 31 66	207 547	7895
Nixon	02 28 69	156 188	5619
Faith	12 16 69	143 065	4933
Inca	09 24 71	111 110	4790
Aggie	02 15 72	109,083	3397
Richard & James Graham			
859	02 22 76	190,245	7753
6	10 19 69	150,358	5959
75	04 07 71	162,502	5909
86	12 12 71	140,417	5877
55	09 24 70	151,408	5744
16	01 07 70	137,761	5553
25	03 02-70	180,613	5468
959	09 22 68	157,289	5108
92	06 02-72	130,196	5102
80	07 10 71	109 224	4756
76	04 08-71	109,384	4735
102	08 17-72	117 770	4675
1000	09 10 69	138,446	4508
96	06 26 72	111,158	4303
Harold W Lucas			
Bell	01 15 65	206 912	7570
Ruth	01 17 70	140 803	5286
Wade	08 19 68	154 363	5173
Donna	09 02 71	126 197	4916
Dusty	09 30 71	115,171	4371
Rachel	10 23 70	119 666	4255
Amy	05 23 72	113,653	4006
Dena	12 02 71	106,801	3484
Dora	12 20 71	102,218	3386
Pearl	07 19 72	102 413	3287
James & Susan Howes			
Val	02 14 68	181 067	7367
Beauty	03 28 72	117,972	4828
Peggity	12 21 70	115,246	4715
Triune	03 08 72	120,138	4379
Bambino	09 08 70	134,489	4271
Dimples	03 23 72	115,042	4163
Lark	10 05 70	116,924	4157
Promise	07 28-71	105,828	3990
Melvin G Miller			
101	12 27-66	153,976	6598
15	03 24 70	126,048	5717
23D	03 07 65	161,292	5310
61	01 19-68	113,292	4337
60	02 06 66	103,099	4055
106	10 18 70	97,166	4014
28	04 06-71	99,897	4000
19	04 01-68	110,858	3892
5	06 05 69	129,161	3869
57	07 28 71	107,196	3810
105	01 31 71	111,443	3762
102	12-17 70	105,640	3760
62	01-30 69	106,994	3728
8E	03-10 69	107,475	3705
Kermit Rider			
Cindy	08 08 67	158,575	6497
Sherry	11 30 70	113,756	4724
Nancy	11 03 70	110,472	4372
Eliza	12 24-71	111,726	4349
Ginger	06 22 69	113,521	3797
Flossie	08 25 72	105,779	3639
Donald R Bierly			
24	01 15 66	172,744	6456
26	12 06 69	124,692	4979
31	09 13-70	135,825	4932
29	06 20 69	126,842	4865
28	05 30 69	114,523	4807
41	08 27 70	112,844	4754
35	08 05-70	128,801	4603
22	07-13 69	118,639	4477
52	12 03 71	99,324	4246
15	05 09 70	112,125	4110
L Thomas Musser			
Washer	12 04 68	147,373	6324
Agnus	03-18 70	155,195	5286
Jesse Kauffman			
Zella	08-23 64	155,958	6206
Wilma	02-09 68	152,871	5949
Bertha	09 13 71	108,732	4357
Melody	05 18 71	111,078	4162
James E Rider			
Minnie	08-22 67	158,581	6126
Karen	12-28 68	113,516	4998
71	08-11 70	143,784	4511
111	10 10 72	101,839	4061
103	12 03-72	102,025	4032
85	06 23 71	99,602	4008
Tussey View Farms Inc			
6	06 24 67	141,141	5832
14	03 14 68	157,141	5799
10	08-24 68	143,961	5481
16	08 13 68	133,802	5143
34	11-13 67	147,419	4709
56	12 20 67	103,978	4441
62	03 13 71	110 863	4055
17	08-19 71	106,546	3550
Stringers Sand Ridge			
Tama	03 15 69	129 115	5800
Alice	08 03 70	114 765	4771
Pearl	09 27 70	115,380	4530
Nettie	06 14 71	102,950	4384
Clover	07 16 70	108,221	4347
Delores	11 18 72	116,973	4256
Mae	12 17 21	111,288	4145
Nanny	03 24 72	111 483	4044
July	12 04 71	124,127	3829
Nippy	12 02 68	100 109	3452

(Turn to Page B6)

See your nearest

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Bernville, PA
Stanley A Klopp, Inc
Bernville, PA
215-488-1510

Carlisle, PA
Paul Shovers, Inc
35 East Willow Street
717-243 2686

Catawissa, PA
Abraczinskas Farm Equipment, Inc
R D 1
717-356-2323

Chambersburg, PA
Clugston Implement, Inc
R D 1
717-263-4103

Davidsburg, PA
George N Gross, Inc
R D 2, Dover, PA
717-292-1673

Elizabethtown, PA
Messick Farm Equipment, Inc
Rt 283 - Rheem's Exit
717-367-1319

Gettysburg, PA
Yingling Implements
R D 9
717-359-4848

Greencastle, PA
Meyers Implement's Inc
400 N Antrim Way
P O Box 97
717-597-2176

Halifax, PA
Sweigard Bros
R D 3, Box 13
717-896-3414

Honey Brook, PA
Dependable Motor Co
East Main Street
215-273-3131
215-273-3737

Honey Grove, PA
Norman D Clark & Son, Inc
Honey Grove, PA
717-734-3682

Hughesville, PA
Farnsworth Farm Supplies, Inc
103 Cemetery Street
717 584-2106

Lancaster, PA
L H. Brubaker, Inc
350 Strasburg Pike
717-397-5179

Lebanon, PA
Evergreen Tractor Co , Inc
30 Evergreen Road
717-272-4641

Lititz, PA
Roy A Brubaker
700 Woodcrest Avenue
717-626-7766

Loysville, PA
Paul Shovers, Inc
Loysville, PA
717-789-3117

Lynnport, PA
Kermit K Kistler, Inc
Lynnport, PA
215-298-2011

Martinsburg, PA
Forshey's, Inc
110 Forshey St
814-793-3791

Mill Hall, PA
Paul A Dotterer
R D 1
717-726-3471

Nazareth, PA
Edwards Farm Equipment
291 W Moorestown Rd
215-759-0240

New Holland, PA
A B C Groff, Inc
110 South Railroad
717 354 4191

Oley, PA
C J Wonsidler Bros
R D 2
215 987 6257

Palm, PA
Wentz Farm Supplies, Inc
Rt 29
215-679-7164

Pitman, PA
Marlin W Schreffler
Pitman, PA
717-648-1120

Pleasant Gap, PA
Brooks Ford Tractor
W College Ave
814 359-2751

Quarryville, PA
C E Wiley & Son, Inc
101 South Lime Street
717-786-2895

Reedsville, PA
Big Valley Sales & Service, Inc
P O Box 543
717-667-3944

Ringtown, PA
Ringtown Farm Equipment
Ringtown, PA
717-889-3184

Shippensburg, PA
R B Muller, Inc
N Seneca St
717-532-4178

Silverdale, PA
I G Sales
Box 149
215-257-5135

Tamaqua, PA
Charles S Snyder, Inc
R D 3
717-386-5945

West Chester, PA
M S Yearsley & Son
114-116 East Market Street
215-696-2990

West Grove, PA
S G Lewis & Son, Inc
R D 2, Box 66
215-869 2214

Churchville, MD
Walter G Coale, Inc
2849-53 Churchville Rd
301-734 7722

Rising Sun, MD
Ag -Ind Equipment Co , Inc
R D 2, Route 273 East
301-398-6132
301-658-5568

Bridgeton, NJ
Leslie G Fogg, Inc
Canton &
Stow Creek
Landing Rds
R D 3
609-451 2727

Washington, NJ
Frank Rymon & Sons
814 793 3791

Woodstown, NJ
Owen Supply Co
Broad Street & East Avenue
609 769-0308

Christ was born in a barn among cattle. Farmers (shepherds) were the first to hear the message of Christmas. As you labor in your barn among your cattle this Christmas season, remember you are important to God and to your fellow man. Your continued devotion to the land, and your work of feeding us, is one of the greatest gifts Americans receive this Christmas. For these blessings, and for your enduring faith and trust, we say thanks.

The SPERRY NEW HOLLAND Dealers in your area wish you a MERRY CHRISTMAS and a Happy New Year!

Centre Co. DHIA

(Continued from Page B4)

Jack & Dean Decker			
70	10 15 67	152 554	5797
62	03 15 68	118,269	5236
78	05 01 71	128,781	4837
39	01 06 69	126,638	4722
79	03 15 71	111 260	4135
58	01 15 69	104 650	4109
80	11 08 70	107 876	3708
Sheldon A Corl			
51	07 30 68	129 776	5701
100	08 12 69	139 338	4568
76	01 23 70	124,397	4565
81	09 16 70	104 660	3934
L R & Pamela J Homan			
59	02 28 69	156 188	5619
57	12 16 69	143,065	4933
18	02 05 72	114,088	3823
Ned E Deitrich			
Kim	03 15 70	126,845	5569
Debbie	07 12 68	155 342	5236
Maggie	10 31 67	157 683	5086
Peanut	10 04 68	133 073	4981
Sarah	08 06 71	119,582	4845
Speckle	01 04 71	95 008	4149
Sound	04 19 71	104 170	4097
Clara	06 11 70	107 967	3729
Doug & Teresa Homan			
33	10 26 67	140 844	5566
4	11 04 68	126 725	4815
23	06 08 71	106,541	3860
Ralph L Rudy			
Eve	12 30 69	177 740	5555
Peters Farm			
Deb	05 12 69	114,530	5436
Daisy	10 08 71	97 442	4052
Lynn & Margaret Neer			
11	10 13 70	150 810	5427
15	01 06 70	133,810	4695
48	10 20 66	115,537	4620
39	08 16 70	114 294	4015
Jane 50	02 05 72	114,008	3823
Hough Farm			
Snoopy	10 23 68	143 757	5369
Caren	11 19 71	105 913	3971
Evan & Ricky Homan			
Tena	09 11 68	169 726	5342
Adrian	03 04 70	128 029	5093
Abby	02 11 70	133 640	5006
Candy	03 26 70	137 216	4918
Chris	08 03 71	111,650	4144
Cotton	07 18 72	107 994	3884
Coral	01 13 72	100,821	3674
Connie	10 08 71	111,963	3403
Barry Kerstetter			
Holly R	07 27 67	151,285	5285
Paula	09 04 68	141,057	4830
Kim	04 10 70	118 316	4634
Kay	10 01 67	103 965	4594
Katidid	01 02 70	109 416	4501
1	01 30 70	107,228	3960
10	03 15 65	102 463	3767
Mysize	03 21 71	105 447	3468
Joseph Hartle Jr			
Rhoda	01 08 72	122 217	5242
Nicki	09 30 70	133 872	5173
Natalie	09 08 70	116 343	5150
Tracy	12 04 70	130 312	4814
Ruby	11 11 72	126,647	4665
Wendy	07 08 70	104 273	3658
Carl R Gates			
959	09 22 68	158 011	5139
Paul H Vonada			
Delni	11 07 69	121,429	5112
Milly	07 04 68	126,007	4798
Harriet	12 16 70	105,515	3330
Jerry Weight			
Debbie	09 22 70	123,806	5085
40	10 15 70	108 584	4664
3	01 28 71	110 244	4191
45	10 15 70	112 147	4008
5	12 15 71	100 980	3686
74	01 25 73	101 458	3557
Chaney R Reese			
254	06 15 69	137 177	5061
296	06 09 71	107 418	4430
262	03 17 70	113 301	4346
353	05 07-73	102,207	4087
330	04 23 72	102 866	3549

(Turn to Page B7)

SADDLE UP!

To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

May Christ be the heart of your Christmas
And His love light your path through the year!

R.S. HOLLINGER & SON INC.
113 W. MAIN STREET, MOUNTVILLE, PA

BOOTH INSULATION COMPANY

"THERMAL INSULATION SPECIALIST"

Residential • Agricultural • Commercial • Industrial

SPRAY ON — BLOWN IN — FOAMED IN PLACE

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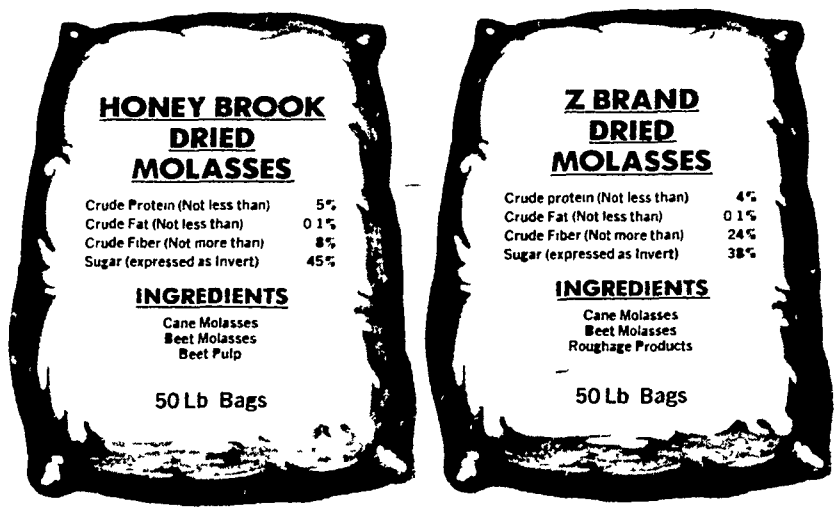
Call Collect **717-898-2760**

ZOOK MOLASSES CO.

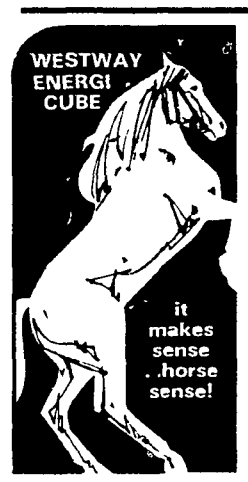
ONE STOP FOR ANIMAL FEEDING MOLASSES

HONEY BROOK LIQUID & DRIED MOLASSES



Honey Brook Liquid Feeding Cane Molasses

Bring your own 5 gal. bucket or drum containers or we have either one in stock for sale



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ENERGI CUBES are an excellent coat conditioner for show and performance horses

SOLID FEED SUPPLEMENT BLOCK
For Dairy And Beef
Remember - ENERGI BLOCK contains no salt and is not affected by the weather.

CALL TOLL FREE IN AREA CODES 215 & 717: 800-662-7464

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WEST MAIN ST., HONEY BROOK, PA 19344
ALONG RT. 322 PH: 215-273-3776
DEALER INQUIRIES INVITED

Centre Co. DHIA

(Continued from Page B6)

Abraham W Allebach			
Theresa	11 15 69	125,246	4973
Dandy	10 13 69	132 878	4701
Nancy	10 05 69	133,170	4662
Dawn	11 13 70	121,810	4470
Delbert M Decker			
Queen	02 25 68	123 540	4952
Dandy	10 27 70	108,794	4096
Richard Trinca			
21	11 02 69	139,043	4875
26	06 28 71	120,280	4334
19	07 21 72	124 386	4327
22	10 12 70	119,349	4201
46	08 20 71	116,096	4185
Elwood Stine			
Gina	04 20 70	120,532	4854
Thomas & Sherry Craig			
191	11 30 67	137,249	4834
Steven R Homan			
45	01 01-69	123 046	4771
G Kenneth Nolan			
Trixie	01 01 69	123,046	4771
Lucy	07 02 72	103,484	3612
Lou	03 20 72	107,767	3588
Daffy	07-27 72	105 273	3456
Vanessa	10 06 72	106,516	3447
George R Futhey			
Snapdra	07 19 70	142,592	4724
Jessica	02 27 72	122,195	4302
Sunny R	06 28 69	121,789	4298
Stutz	11 06 70	119,041	4010
Stupid	01 11 72	104,301	3649
Beatle	10 09 71	103,229	3610
James N Houtz			
Donde 48	03 16 69	136,509	4720
49	04 09 69	119,718	4237
Fairy 64	11 03-71	109,922	4073
Lassi 65	03 04 70	101,370	3927
Paul Hartle			
Zelda	11 21-70	111,254	4689
Trixie	01 28 70	125,851	4574
Laura	04 13-70	107,716	4336
Honey	10 14 70	119,654	4041
Bess	01 29 72	110,923	3807
Gemi Brush Valley			
R7	12 22-71	106,131	4684
91	10 15 69	110,732	4008
89	01 15 70	110,061	3727
19	07 06 68	102,700	3436
Fairbrook Farms			
Marja	07 23 70	113,440	4549
Trish	02 05 70	106,226	4477
13	04 04 71	103,114	3046
Bruce E Ulmer			
Rocky	04 16 70	110,526	4468
Rose	10 10 71	105,107	3965
Hagen	09 14 69	102,249	3537
Harold Brown & Sons			
179	09 24 75	120,225	4466
James & Renee Bates			
Sabrina	03 11 70	103,620	4459
Dale T Bresler			
Boomer	07 27 69	115,530	4454
Karen	09 18 69	116,498	4302
8	04 16 70	98,757	4294
Merry	08 15 69	110,483	4214
Richard & James Graham			
84	11 13 71	125,173	4293
103	09 29 75	103,093	4103
65	11 16 70	121,478	4055
78	06 19 71	121,422	3824
Fred O Benner			
24	06 15 71	116 835	4255
87	06 26 71	94 394	4185
Anthony Rishel			
8 Nine	04 .0 67	105 545	4207
Claude Homan			
Bonnie	03 23 68	118 738	4127
Wells Farm			
Rosa	10-18 68	113,465	3334
Eric G Myers			
5	07-16 71	100,718	3916
97	07 16 71	107,738	3763
William B Homan			
29	01-22 70	106,103	3764
33	10 31 72	102 867	3383
Albert Hagen			
Buffy	01 04 71	104,377	3721
Lucy	11 07-72	101,011	3392
Dale E Miller			
10	06 05 70	109 397	3611
Eugene Rossman			
Joan	02 12 72	103 499	3521
John Ishler			
Polly	09 11 72	108,905	3511
Norma	07 19 72	102,725	3230

FRANKLIN H. KREIDER
2400 Dairy Road
Lancaster, Pa. 17601
717-898-0129

30% LIQUID NITROGEN

★ Check Our Fall Fill-Up Price

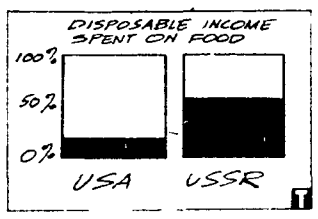
★ Call Us For Your Fall Fertilizer And Limestone Needs

NOW IS A GOOD TIME FOR SOIL TESTING

WINNERS & LOSERS

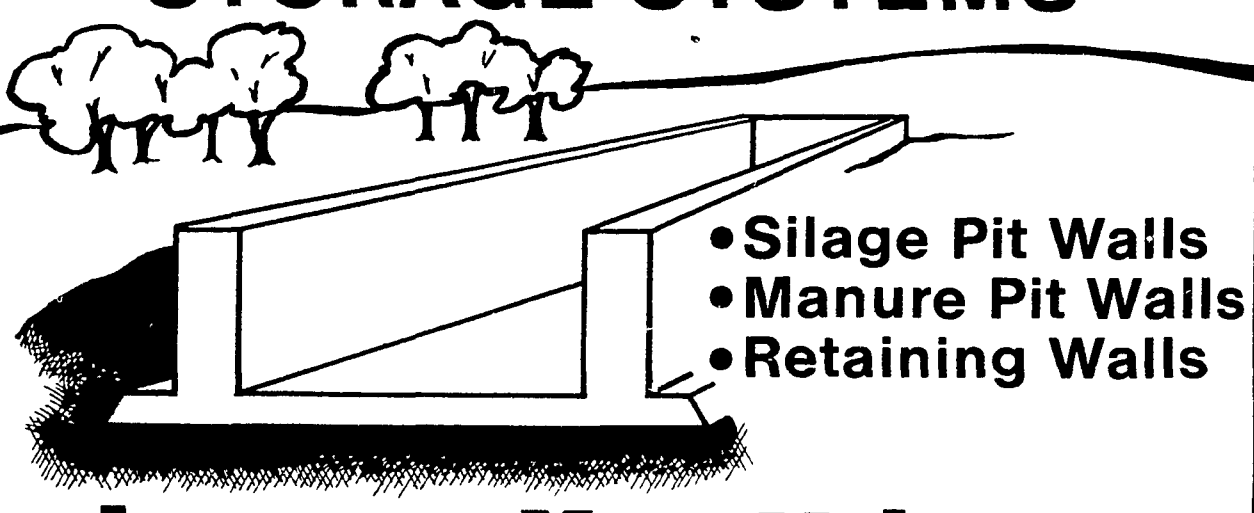
A number of people are writing, wiring and calling their legislators about recently proposed regulations that many consider a real loser. They would reduce or prohibit the crop protection chemicals American growers use This, scientists say, could cost us up to 50 percent of our food crop every year—and quickly drive up the cost of food.

* * *



The American people have generally been winners as far as food prices are concerned Despite the 43 percent increase in the food price index since 1973, the average American family spends only about 17 percent of disposable income on food. In the Soviet Union, it's 56 percent

POURED SOLID CONCRETE STORAGE SYSTEMS



•Silage Pit Walls
•Manure Pit Walls
•Retaining Walls

Increase Your Volume By In-Ground Storage Any Size

Balmer Bros.
CONCRETE WORK, INC.
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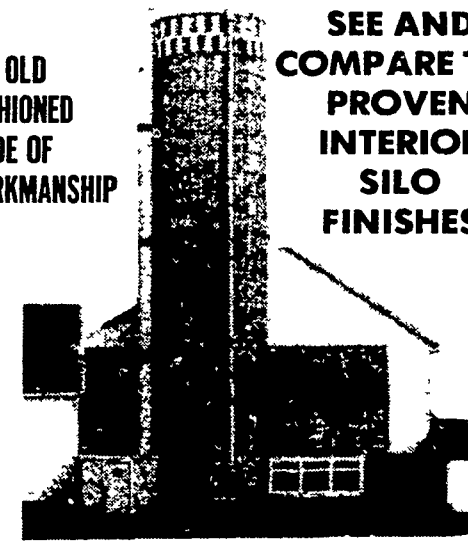
CHEESE

TERRE HILL SILO CO. INC.
Serving The Farm Community For Over One-Half Century
TERRE HILL, PA. 17581
Manufacturers & Erectors of Terre Hill
TRI-RIB STAVE SILO

FOR OLD FASHIONED PRIDE OF WORKMANSHIP

SEE AND COMPARE THE PROVEN INTERIOR SILO FINISHES



AUTHORIZED DEALER: Patz

CALL TERRE HILL (215) 445-6736 or
SALESMAN JAMES ESBENSHADE - 717-464-2090

Liming helps control nutrient availability

LITITZ — Plants require at least 16 different elements Three of these - carbon, hydrogen and oxygen - are supplied to the plant from the air and water The other 13 are generally supplied to the plant from the soil.

The availability of these soil-supplied nutrients are greatly controlled by soil reaction, the pH of the soil, and the acidity or alkalinity of the soil.

The availability of most of these essential elements to plants is at its highest within the pH range of 6 0 to 7 0 This is true for the major plant nutrients - nitrogen, phosophorus and potassium - and the secondary elements - sulfur, calcium and magnesium

Of these six elements phosphorus is most affected by soil pH As the pH drops below pH 6 0, the very acid range, other elements such as iron and aluminum combine with phosophorus The availability of phosphorus in these compounds to plants is very low The more acid the soil the lower the availability

The availability of phosphorus to plants is also reduced in very alkaline soils, at pH values above 7 5 At this range calcium reacts with phosphorus to reduce its availability This reduction of phosphorus availability is not as great as in acid soils

The effect of pH is just the opposite with all of the micronutrients except molybdenum Iron, maganese, boron, copper and zinc are more available to plants in acid soils than in limed soils In fact, liming sandy soils to a pH of 7 0 is not a desirable practice It can create deficiencies of micronutrients such as manganese, boron, zinc and in some cases iron

So to be sure that the essential plant elements in your soil are being efficiently taken up by plants, use lime properly Have your soil tested and apply lime only when needed and only in the amount recommended

Federal Land Bank to retire excess stock

YORK — Local farmers, who get their long-term financing through the Federal Land Bank Association, will find a pleasant surprise in their mail boxes this month

The Board of Directors of the Federal Land Bank Association of York has approved the retirement of most capital stock and participation certificates of the Federeal Land Bank in excess of six percent of the unmatured principal balance.

This will mean a check to many of the farmer-borrowers who are also the owners of the Farm Credit Cooperatives The Federal Land Bank is the long-term, rural lending arm of the cooperative Farm Credit System

H Richard Zook, General Manager of the York Association, said this week that his office hopes to have most of the checks in the mail within the next two weeks.

He added, "While individual payments may not seem to be significantly large in amount, the total refund will put more than $38,000 back into our Association's agricultural sector this year alone "

The Federal Land Bank Association of York serves the counties of York, Adams, Cumberland, Franklin, Fulton and Perry, with loans outstanding in excess of 78.5 million dollars

BUY, SELL, TRADE OR RENT THROUGH THE CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047

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- Cattle
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- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
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- Lawn & Garden
- Services Offered
- Custom Work
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- Trucks & Trailers
- Autos
- Recreational Vehicles
- Notice
- Lost
- Found
- Pets
- Household
- Miscellaneous
- Real Estate

FARM EQUIPMENT

Myers 90 power angle snow plow with super electra lift, like new, McCormick 35 bu model 100 manure spreader good condition, Sauder snow blade 215 679 9010

For Sale 1975 Model 500B MF track loader all power controlled 20 ton machine Ph 717 532 8601

6006 Deutz on steel wheels, $5000 Floyd Hoover, Penn Yan, NY 315 536 7208

LOCAL CLASSIFIED ADVERTISING RATES

16c per word

2 00 minimum charge

Use This Handy Chart To Figure Your Cost

Words	1 Issue	3 Issues
12 or Less	2 00	4 80
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16	2 56	6 14
17	2 72	6 53
18	2 88	6 91
19	3 04	7 30
20	3 20	7 68

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming) 50 cents additional

Ads running 3 or more consecutive times with no change billed at 20 percent discount

Deadline Thursday morning at 9 of each week's publication

Lancaster Farming
P O Box 366
Lititz, PA 17543
717-394 3047
or Lititz
717-626 1164

FARM EQUIPMENT

For Sale MF 65 with loader Farmall N with power steering & loader Moline super 670 diesel JD 11 transport disc NH 65 69, 270 balers with throwers 215 562-4464

For Sale
656 diesel tractor N F 3 pt
656 gas tractor N F , 3 pt
234 Int 2 row corn picker
Farmhand dump boxes, 2 sizes
2 grain trailers tandem, 5' sides no dump
Int 4 row corn planter model 400 cyclo
717 637 2251 - Day
717 637 5270 Night

FARM EQUIPMENT

Case 1816B Uniloader used 90 hrs, both attachments, asking $4700 717 259-9817

For Sale - John Deere 820, three cylinder, good condition, steel or rubber, 315 536-2141 call evenings 8 to 9

For Sale MF 811 skid steer 38 hp diesel, 3 bucket, asking $7500, Call 717 374 7231, 717 837-2381

1465 Oliver, 3400 hrs new clutch real clean, one owner will trade for Gehl 100 or NH 355 grinder-mixer with scale 703 828 3653

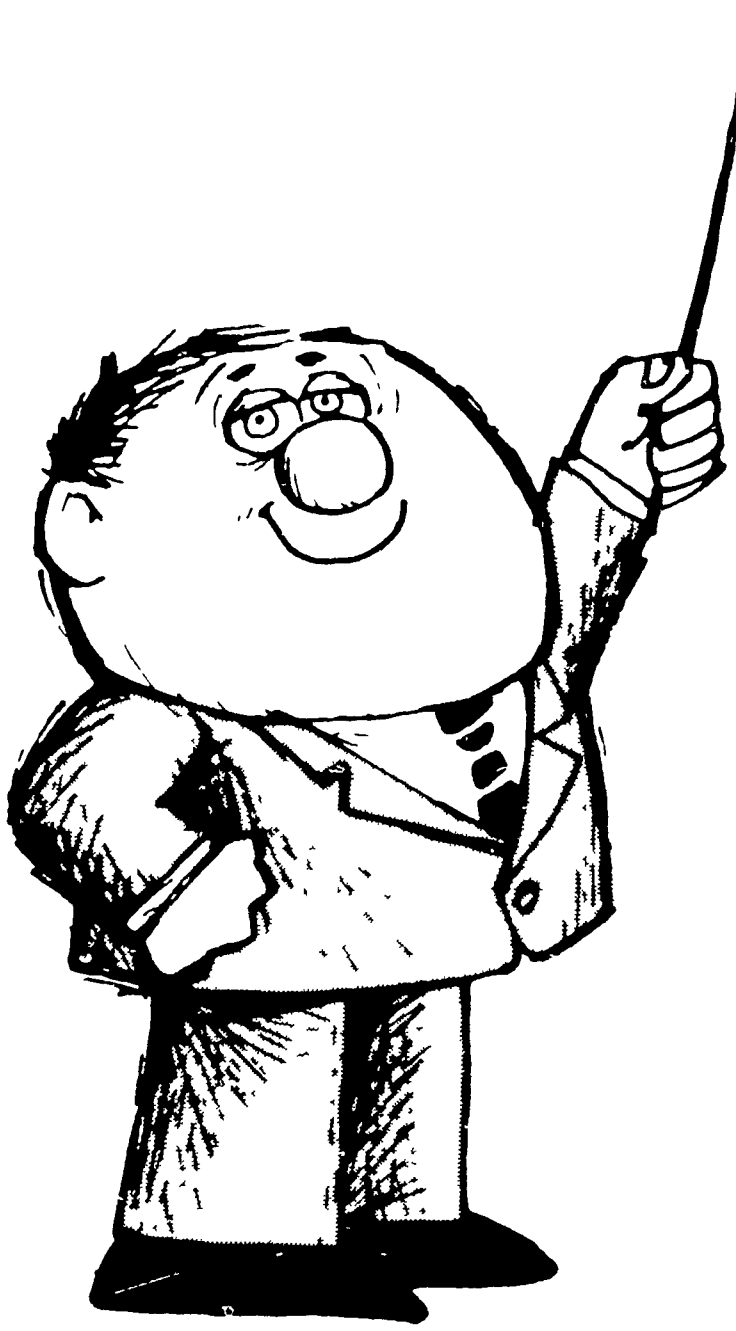
For Sale 10 ft Gandy fertilizer spreaders, (1) 12 ft Gandy insecticide applicator for implement mounting Gandy applicators for corn planters Horse drawn corn planters converted to plateless Gideon F Stoltzfus, RD #2 Box 2276 Gap, Pa 17527 1½ N of Gap along Rt 897

For Sale JD tractor, 1977 model 2840 with cab like new only 436 hrs 1977 model 210 11' disc harrow 1977 chisel plow model E1600, 10 10' Brillion cultimulcher 215 268 8001

Two new Badger forage boxes, 14 ft , 3 beater w/roof $3450 ea Two new Badger blowers, $1585 ea 717 247 7858 Bradford Co

For Sale 16 ft Badger silo unloader, 8 ft V snow plow, Easy Flow fertilizer & lime spreader Int table silage blower belt driven, Wood chipper PTO 215 932-2316 Chester Co

JD tractor Model L with spring tooth cultivators and 12" mounted plow excellent condition to restore and in good running cond 717 292 1914



A LESSON WELL LEARNED...

Lancaster Farming's CLASSIFIED ADS GET RESULTS!

Phone: 717-394-3047
or 717-626-1164

FARM EQUIPMENT

For Sale - 15 KW alternator, trailer mounted, PTO driven, recently serviced, excellent condition $850, sheller well jet pump $50 717-687-6729

Zeigler oil heater, new medicine cabinet, Leroy S Reihl, Rt 2, Gap, PA 17527

For Sale Gleaner F combine, 13' grain head & 430 corn head Air conditioned cab & grain saver Model 850 Farmhand grinder mixer, all hydraulic 717 582-4660

540 PTO emergency generator, portable 25 KW, complete panel, A 1, $1500 717 665 5617 day 717 656 7379 evening

For Sale MF 250 disc, NH tub spreader, NH 469 haybine, NH 555 hay rake, Int 47 hay baler 814 422 8121

For Sale Barn cleaner, 18' elevator 18 ' gutter JD 494 4 row corn planter dry fert lizer & insecticide McCurdy 12' auger for gravity wagon 717 365-3562

SNOW PLOWS (NEW)
Mounts on all makes of front end loaders farm tractor loaders, and back hoe loaders
Hugo Welding Shop
Box 38
Bowers, PA 19511
215-682-2781

For Sale Bardy 206 soybean cooker & extruder in excellent condition Hunterdon Co 201 782 6682

DUE TO THE CHRISTMAS HOLIDAY OUR CLASSIFIED DEADLINE WILL BE WEDNESDAY 9:00 A.M.

MAILBOX MARKET DEADLINE MONDAY

FARM EQUIPMENT

Gleaner G STRAW and SOYBEAN CHOPPER, complete $250, Northampton Co 215-767-6628

Quality discs are affordable for the farmer and profitable for the dealer Example 12' Off set weighs 5500# - Suggested list $6042 Comparable prices per pound also for tandems, wing fold, double offset and lift type discs Dealers can contact me by mail or phone
R J Savolskis Associates
Box 339
Slippery Rock, PA 16057
Phone 412 794 2552

Engine for TD 9 dozer, very good condition with flywheel to clutch, $850, T 9 power unit also in very good condition, complete with radiator and snap clutch, $850, root rake for TD 9, $400, several parts for TD 9's final drive, transmission and engine Call before 7 AM, after 6 PM 301 438 3467

For Sale - AC 30" 4 row no-till air corn planter with 300 gal liquid fertilizer tank & monitor, 2 yr old 717 776-7888

MF 200 crawler loader $4500 JD G, $700 Lancaster Co 717-859 2792

One 1973 F656 diesel, hydrostatic Hi-Boy Chisholm Ryder bean harvester 2 1970 diesel hydrostatic Box On Chisholm Ryder bean harvester Myers 500 gal 227A series field crop air sprayer 2 way discharge 110' overall 3 FM motorola low band radios One base 25 watts, one mobile 25 watt & one mobile 10 watt, lead in wire & antennas included 717 473 8803 or 717 523 0114

Jamesway barn cleaner unit (L H) and elevator, Steinhorst 200 gal milk tank, stainless steel double sink and 2 Surge milkers 609 466 3334 after 6 P M

Gleaner E Combine 10' head, Gleaner 1975 MK combine 15 head, Diesel, MC 600 Grain Dryer 1970 Ford LN 9000 Trk Tractor, Papec Forage Wagon Phone Eves 609 654 7489, Ed Vogt & Son Medford, N J 08055

For Sale Snapper Head (2 row) for Fox 3000 Chopper Excellent condition $1,000 Norfolk Conn 203 542 5967

FARM EQUIPMENT

4320 JD, 4020 JD, 3020 JD 235 Massey 717-547 2387

Bay Generators - New & Used 516 363 6666 or 516 472-1635 498 Second Ave , Bayport, New York 11795 1 75 KW - Reiner-3 ph 110/220 volts excellent condition, $7,000 00, 1- 100 KW Continenal Reiner, 3 ph 110/220 volts $7,500 00, 1 20 KW Fairbanks Morse, 3 ph 110/220 volts $2 750 00 Other generator available all size and make

For Sale 3 pt hitch scraper blade, like new 7' 717-687 6035

Wanted Hydraulic wagon dump hoist, Midwest w 10 ton Northumberland Co 717-649 5320

AC 185 tractor with roll bar, used 1600 hrs , 1 Sidney 17 metal lathe with 10 table, 1 Walker 4 post car lift, Papec ½ ton feed mixer, Cortley lumber sizing saw, Block maker 4 or 8' blocks 6½x10 perfection dump body, 50 ton shop press, Crosley Brothers 215 845 7332

For Sale 32' Little Giant elevator 215 383 6818

For Sale Hay wagon and fodder chopper both useable working antiques, best offer 215 294 9549

For Sale JD 70 diesel parts JD front and rear weights, excel cab to fit IH 06 or 56 series tractor, 14' Athens tandem disc 717 786 2534

For Sale New Market wagon front wheel, hydraulic brake Joseph B Stoltzfus Kirkwood RD #1, Pa Lancaster Co White Rock Carriage Shop

MH 44 utility tractor, recently overhauled, new battery, $800 New heavy duty 4' 3 pt disc $450 Cost $520 Adams Co 717 677 6721

For Sale JD 730 diesel, electric start good solid tractor Also JD 45 loader, good condition 717 464 2874

Going Out of Business 2 row Lockwood potato harvester, $3500 660 Case combine, $1000 535 Ford haybine, $1500 Int baler with kicker, $1000 642 Ford combine with 6 row corn head & sickle bar head, $18,000 All items are field ready! Ph 302 378 8095

FARM EQUIPMENT

For Sale - Used Wic bedding choppers, serviced, in excellent condition 215 267-7208

NI manure spreader, 217 with pan, 12 ton Stoltzfus feed bin 717 548 2271

NI 279 cut/ditioner, 1 yr old, 1971 3020 D side console, 1966 3020 D power shift 301-582-1927

New Holland 1010 balestocker, good condition, make offer, 215-445-6816

JD 4000, 95 hp side console, 2 outlets, 2000 hrs , new rubber 1 owner, like new $8500/offer Baltimore Co 301 833 9098

TRACTOR & MOTOR REPAIRS

Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
Pickup and Delivery

WALT STIVELY, JR.
Springville Road
Quarryville, RD3
Phone. 717-786-2252

TRACTORS
Ford 5000 D 8 Speed
Ford 3000 8 Speed, PS
Ford 340D w/Loader
Ford 2600D w/Loader
Ford 3400D w/Loader
Ford 4400G, 3 pt. w/Loader
Ford 4000 w/Loader
Ford NAA w/Loader
Ford 9N w/Loader
Ford 600 w/Loader and Backhoe
Ford 4000 w/Loader and Backhoe
Ford 3500D w/Loader
Ford 640 w/Snow Plow
Ferguson 30 w/Loader
IH Cub w/Loader
IH 464 D 3 pt. Power Steering
JD L w/plow, cultivator and snow plow

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

YEAR END SPECIALS

New Equipment:
F.O B. no trades
IH 1086, fully equipped $29,995
IH 686, fully equipped $15,995
IH 484, fully equipped $10,475
(2) 1650 cub cadets w/mowers $2995
(2) 56 blowers $1850
#10 flail chopper $3695
5500 3 rank 9' mounted chisel plow $1795
1250 grinder mixer w/roller feed $4750
550 spreader w/hyd endgate $3495
575 spreader w/hyd endgate $5295

Used Equipment:
(2) 990 IH mower conditioners $1795
225 IH self-propelled windrower $2195
700 IH 4 bottom auto reset plow $1695

STAMBAUGH INTERNATIONAL
New Bloomfield, Pa.
717-582-2411

FARM EQUIPMENT

Wanted - New or used 331 D block for Case 830D tractor or good used motor, Call or write A Fetzer, Augusta NH 07822 201-383-6565

FMC Fresh Market SWEET CORN HARVESTER, A 1 Condition, 5,000 Gal Tank Trailer Irrigation Pump with V8 Engine Call 717/382-4878

Used hi-flotation tires - 66x4300x25 $750 ea
Hay wagons 12 used Sears & NI, various capacities All with adjustable axles, with or without bodies $300 & up
VILSMEIER EQUIPMENT INC
Route 309
Montgomeryville, Pa
18936
Phone 215-699-3533

For Sale
Wisconsin Engines
VG4D 40 h p
VH4D 33 h p
VF4D - 24 h p
VE4D 20 h p
THD 18 h p
All available w/4 to 1 clutch reduction
717 687 6553

Ford Tractors Equipment | HESSTON CORPORATION | WHITE Farm Equipment | NEW IDEA

USED TRACTORS
Ford 9600 Cab & Air
Ford 7600
Oliver 1955 w/cab
Oliver 1800 diesel
Ford 5600 Dsl

USED COMBINES
White 8600 diesel hydro cab & air
White 8700 diesel hydro, cab & air

USED TILLAGE EQUIP.
Taylorway 9' Chisel Plow
Oliver 5 Btm auto reset plow
JD 3 Btm Plow
Ford 246 10 Offset Disc Harrow

PLANTERS
JD 1440
White 5400, 4 Row

MISCELLANEOUS
NI 325 Corn Picker
Cardinal 7' 46' Auger
Ford 5' Rotary Cutter

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

NEW EQUIPMENT SPECIALS
We have extra special prices on the following skid loaders
NH L325, L445
NH L35, L775, L778

We Also Have Clearance Prices on All Box Spreaders

CHEERS
Hear the Christmas bells ring? Sounds like it's going to be the best holiday ever We hope it is!

SHEETS BROS.
Massey Ferguson
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

FARM EQUIPMENT

Crawler Tractor Parts.
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders
VILSMEIER EQUIPMENT INC
Route 309
Montgomeryville, PA , 18936
Phone 215 699 3533

For Sale Used 42' NH elevator, 12 row sprayer with pump, AC 6 row air planter with insecticide attachment, used less than 300 acres, good working order, new NH heat and/or air dryer 814-422 8758

For Sale 2 #8 NH forage wagons with high flotation tires 3rd beater and roofs, like new 215-436 5830

For Sale Wood constructed single chain conveyors, for low price Call 215 267 2453 Lancaster Co

FARM EQUIPMENT

For Sale - Wrecked MF 185 diesel (broken rear housing), AC D17 diesel, JD 224 wire tie baler, Union Co 717-568-7271

Adams motor grader, $2500
DENNIS M MILLER EQUIPMENT
Rt 22 Grantville, PA
717 838-1888 anytime
717-469-0937 daily

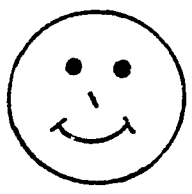
For Sale MF 65 diesel, WFE off a JD 60, hay & straw & oats 717-444-3084

For Sale Running gear from wooden wheeled farm wagon 717-739-2440 after 6 P M

New Holland Dollar Dividend Days Special
(1) 488 Haybine at 1979 Price
(1) 495 Haybine at 1979 Price
NH 775 Skid Loader (Demo)
Michigan T 6KW Crane w/Bell
Gehl 2500 Skid Loader $2700
NH 676 Manure Spreader $1200
WENTZ FARM SUPPLY
Palm, Pa 215-679-7164

LANCASTER SILO CO., INC.

HORSESHOE ROAD
LANCASTER, PA 17601
MANUFACTURER & BUILDER OF QUALITY WET-CAST CONCRETE STAVE FARM SILOS

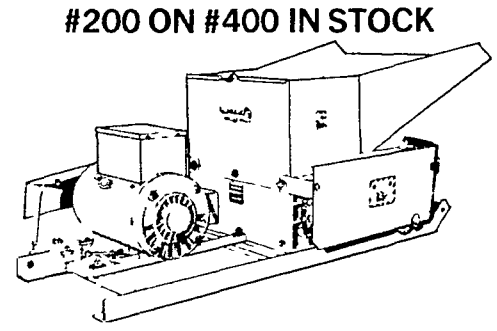


SMILE & SAVE
WINTER SPECIALS IN OUR PARTS DEPT:

TIME TO FIX & REPAIR-
10% CASH DISCOUNT ON ALL HARDWARE & PARTS ITEMS ON DISPLAY w/PURCHASE OF $75.00 OR MORE - SOME DISPLAY ITEMS INCLUDED

STARLINE PARTS
VAN DALE PARTS
RITCHIE CATTLE & LOG WATERERS
ROLLER MILLS
PROTEIN METERS
KLEEN CHUTE I
ROUND HAY RACKS
PIPE FITTINGS
PULLEYS-SPROCKETS
BEARINGS-BELTS
TOOL DISPLAY
SILAGE CARTS
FEED CARTS
WBZ HORSE FEED ADDITIVE

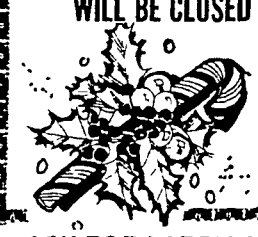
Automatic Roller Mill
LOW PROFILE OR SKID MILL
#200 ON #400 IN STOCK



MAKES QUALITY FEED USING DRY OR HIGH MOISTURE CORN OR SMALL GRAIN
10% CASH DISCOUNT
2 USED ROLLER MILLS

STOP & VISIT OUR PARTS & DISPLAY AREA - ASK FOR 1981 CALENDAR

THE LANCASTER SILO CO. OFFICE WILL BE CLOSED DEC. 24, 25 & 26



MERRY CHRISTMAS to all

ASK FOR LARRY, WAYNE OR DAVE
WE WILL BE HAPPY TO SERVE YOU
717-299-3721

Seasons Greetings

Peace on earth...good will towards men. May the spirit of Christmas be with you always.

From The Advertising & Office Staff
Of Lancaster Farming

Joan Lynn
Amy Jay Joanne Don

FARM EQUIPMENT

For Sale O Frick automatic sawmill, HMC vertical edger, log deck, tie deck, green chain Mellott log turner Forest All sawmill Pac, complete with motors log deck & green chain, new 703 721 2150 or 703 721 2643

SAME Leyland Tractors

FOR SALE

Deutz 8006 4WD 95 PTO hp 1675 hrs steel wheels $12,000 excellent condition
Leyland model 262 Demo 1978 w/300 hrs $7600
AC B w/culti & plow, $800
Leyland tractor 344 57 pto hp nice condition $3500
Farmall M w/2M-HD IH mounted cornpicker $1300
NI 270 7' cutditioner, new flails, nice condition $1400
NI 212 146 bu single beater spreader, nice condition $1050
NI model 213 spreader, 165 bu, 3 beaters w/hyd gate, good cond $1500
Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600
Case 11 ft 36 blade transport disc harrow $975
IH 8 ft Offset transport disc harrow $625
Badger Model 205, 205 bu $900

Merry Christmas

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

DEUTZ

NEW TRACTORS

DX 90 Deutz Tractor 84 h p
P6806A Deutz Tractor FWD, 68 h p w/loader
D6807 Deutz Tractor, 68 h p
D6206 Deutz Tractor 61 h p
D4506 Deutz Tractor 45 h p

Used D10006 Deutz (105 h p) w/cab air cond & duals
Used Farmall H
Ford 850
Massey MF 50 Gas
IH 706 Diesel w/cab
King Chisel Plow, new 9 tooth $950
Great Bend 1010 Loader w/96 bucket 4000 lb cap like new $2500
(2) 20 8x38 G Y tires w/tubes take offs 95% tread @ $475 00
Custom built diesel Gen Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L 912 diesel engines 20 32 H P electric start

Stauffer Diesel Inc.

312 West Main Street
New Holland, PA
PHONE 717-354-4181

FARM EQUIPMENT

1972 John Deere 2020 Diesel tractor, rabbit and turtle, $4500 301 795 9631

SPERRY NEW HOLLAND

USED EQUIPMENT

Corn Head for M or L Gleaner Combine, 4 Row
Hesston PT10 Haybine
Gehl Mower Conditioner
Hesston 12' Hydro Swing Mower Conditioner
NH 790 Manure Spreader
NH 325 Skid Loader
(2) Good Flat Bed Wagons w/running gears
Used Balers
Used Discs

USED TRACTORS

AC CA
AC D17 Series 4
AC D19
Farmall 400
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT

Good Price on Kaston Forage Boxes

Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N H
Moridge 400 bu Dryer
Gleaner F Combine

NEW HOLLAND MANURE SPREADERS

NEW TRACTORS

AC 7045
AC 5050
AC 7010

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211

JOHN DEERE

USED EQUIPMENT

AC 160 Tractor
JD 4020 Tractor
JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
IHC 445 baler (like new)
JD 214WS Baler
JD 24T Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FBB Drill
JD FB Drill
JD 3800 Chopper
JD 110 Disk 13'
JD 33 manure spreader
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
FORD - 230 Disk
IHC 510 drill

NEW EQUIPMENT

Spring Tooth Harrows in Stock
Grimm Tedders in Stock
H & H Bale Bodies

SPECIAL PRICES ON NEW EQUIPMENT

JD 111 Disk
JD 7000 - 12 row N folding planter
JD 7000 4 row planters

* * * * * *

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT

JOHN DEERE

TRACTORS

JD 4230
JD 2020 D
JD 730 Gas
JD 720 Diesel w/electric start
White 105
MF 1085
IHC 560D
IHC 504 w/Plow
Ford 6000

COMBINES

IH 205
IH 915 w/2 heads
JD 215 Flex Head
JD 444 Corn Head

PLANTERS

AC 600
JD 1240
JD 6R Conservation
JD 2R 23
IH 4R 400
Ford 4R 409
White 543

HAY TOOLS

IH 225 SP Hay Swather
IH 1190 Mower Conditioner
JD 1209 Mower Cond
JD 24T Balers

MISCELLANEOUS

JD 1450 5x18 Plow
JD 345 5 Btm. Plow
Ford 10' Disc

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone 717 362-3132

SPERRY NEW HOLLAND
NEW IDEA
HESSTON

NEW EQUIPMENT

Hesston 5800 round baler demo $6750
NI model 456 round baler $850
NI model 214 single beater manure spreader w/T bar chain $3650
NI model 245 manure spreader w/hyd end gate hyd accuator flotation tires $7850
AC model 6080 tractor w/front and rear weights $18 995 Free finance until 5 1 81
AC Model 5040 tractor w/14 9 tires power adjust wheels $8500 Free finance until 5 1 81
AC Model 5050 tractor w/16 9 tires power adjust wheels $11 500 Free finance until 5 1 81

USED EQUIPMENT

Gleaner F Combine hydro corn and soybean special 13' grain head and corn head Free finance until 5 1 81
Used NH model 790 manure spreader 360 bu with new hydraulic end gate excellent condition Free finance to April 1 1981
Used NH 1469 SP hay bine excellent condition with free finance until June 1 1981
Used Stak Hand Model 10 with free finance until June 1 1981

Seasons Greetings

HUTTON FARM EQUIPMENT
814-277-5504

FARM EQUIPMENT

New single axle skid loader trailer, $975
DENNIS MILLER EQUIPMENT
Rt 22 Grantville, PA
717 838 1888 anytime
717 469 0937 daily

FOR SALE

MF 1085
MF 1130
MF 1155 w/cab & air
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 321 corn head
MF 44 & 63 corn head
AC 190XT
Farmall 966
IH 574
MF 124 baler
Int TD24 crawler w/blade
JD 2520 Diesel

We wish you a Merry Christmas

MELVIN M. BURKHOLDER
Ephrata, PA
717 859-2960

Merry Christmas

SPECIAL
McCurdy gravity box, 275 cu ft
$530

NEW EQUIPMENT

36 Kewanee elevator $1700
(2) IH 540 spreaders, hyd end gate & top beater $2750
IH 335 12 ton wagon w/12x25L tires, $1125
IH 435 baler w/thrower $6995

USED EQUIPMENT

AC gleaner combine model CII 14' grain & 4 row corn head $8500
IH 574 gas, w/new 2200 loader $8000
Farmall A w/undermount mower $1450
IH 706 gas $5500
IH 656 gas
154 Lowboy A-1 condition $2995
1650 Cadet, like new $2400
Oliver 5F 16" plow $1150
IH 531 plow, 3F, $600
IH 430 baler w/thrower $1600
JD 24T baler $700
IH 35 rake $1300
IH 37 disc $1200
IH 234 corn picker, $2100
NH tank spreader $800
109 Bush hog mower $1250
Int 234 sheller attachment $1325
425 Artsway grinder mixer $2200
Case 11 disc harrow $1400
JD flail chopper $700
72 Woods under mount mower $750
IH 990 mower conditioner, $1975
IH 105 forage box
Century Sprayer $650

Welsh Sprayers

200 gal trailer model $1050
300 gal trailer model $1600

DOMBACH EQUIPMENT
McAlisterville, Pa.
717 463-2191

FARM EQUIPMENT

For Sale SS 2000 gal tank perfect for chemicals, liquid fertilizer milk water, alcohol Ladder Manhole, sight glass, adjitator $2500 Can Deliver for charge, 717 921 2476

USED EQUIPMENT

TRACTORS:

IH 1566 w/30 5x32 Tires
IH 1066 D, with cab and M&W Alcohol Attachment
IH 70 Hydro D SOLD
IH 450 w/234 Picker
560 Gas, standard, wide front end
IH 706 Gas, overhauled and painted
Farmall M, 230, 400 D 400 G and 560 G
MF 65 Diesel with MF Loader
Case 310 w/Industrial Loader

TILLAGE:

IH 475 Disc, 20 6 manual fold
IH 475 Disc 17 5 hydr SOLD fold with hitchniker
(2) IH 461 Front Mount Cultivator, 6 row
370 13'10 Disc Harrow
370 11 6 Disc Harrow
(2) 37 11 6 Disc Harrow
Oliver 10 Disc Harrow
Bush Hog 18' folding disc harrow
Bush Hog 12 offset disc, Model 146
JD AW 10
Ford 3 btm 18 auto reset plow, mounted
JD 12 ft Chisel Plow
(2) IH 11' 3 pt hitch chisel
IH 11' Trailing Chisel
2 3 and 4 Bot fast hitch and trailing plows
Brillion 13 5' packer mulcher, real nice
(2) Brillion 6 Wings
Brillion 16 packer
IH 700 6 btm reset plow

FORAGE:

NH 33 flail chopper
Bearcat 72A Flail Chopper
(2) IH 550 chopper w/heads
Gehl 84 Chopper with 1 Row, 2 Row, Hay Pickup or Direct Cut Heads
NH 717 Chopper w/2 row head & pickup
(2) JD 38 Chopper w/2 heads, 1,000 PTO
Hesston 420 SP windrower w/cab and air
655 Case SP windrower
Hesston 1014 Hydroswing
IH 990 MC, Like New
NI 4 Row Stalk Shredder
IH 440 baler with thrower
JD 24T baler w/thrower
NH 66 & 270 Balers
NH 461, 467 & 479 Haybines
NH trailing mower 7 ft, draw bar mtd
IH 230 Trailing Mower

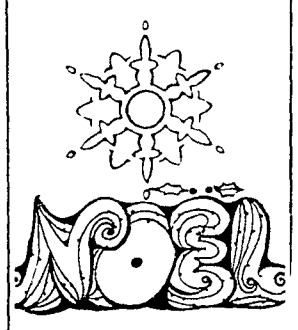
MISCELLANEOUS:

IH 810 15 Platform
IH 810 15' Floating Platform
IH 810 13 Floating Platform
IH 540 Spreader with hyd end gate real nice
IH 175 & 570 Spreaders
NH 512 Spreader
NI 217 Spreader (Nice)
Herd 3 pt Spreader
400 Gal Truck Mount Century Sprayer
JD 15x7 grain drills, SD
JD 17x7 Plain Grain Drill
Int No 10 16x7 DD Combination Drill
IH 10 SD Grain Drill
Oliver 13 SD on steel
Oliver 24x6 Drill SD Combination, Nice
Ontario SD Drill on High Rubber wheels

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph (215) 367-2169
Winter Hours
Daily 7-5 30, Sat 7-1

FARM EQUIPMENT

For Sale - David Brown 990 diesel with loader 1800 hrs, original tires 45% rubber 215 445 4280



Lots & lots of joy-filled moments for you and yours on this Holy day merry Xmas!

NI 702 Diesel Uni Power Unit
NI 213 Spreader
NI 291 mow/ditioner
NH 675 Spreader
NH 479 Haybine

ROY H. BUCH INC.
Ephrata
717-859-2441

MF Massey Ferguson

USED EQUIPMENT

IH F-1066 Tractor
Farmall Super C with Loader
MH 33 Tractor
MF 1105 Tractor

NEW EQUIPMENT

MF 205 Tractor
MF 245 Tractor
MF 265 Tractor
MF 275 Tractor
MF 285 Tractor
MF 30B Tractor Loader
MF 1050 Grinder Mixer
MF 750 Combine
NI Manure Spreaders
Caldwell Shredder
Bearcat For Harvester

N.H. FLICKER & SONS, INC.

Box 68
Maxatawny, PA 19538
215-683-7252

Massey Ferguson Model 750 Combine

★ 6 row corn head
★ 14' grain table

FOR SALE OR WILL TRADE FOR HOLSTEIN HEIFERS

215-347-1792
215-347-2346
Cooper Morris

TRIPLE H FARMS
Peach Bottom, Pa
717-548-2640 or
717-548-2094

VERMEER Vicon

NEW SPECIALS

SAVE BIG DIVIDENDS ON NEW VERMEER BALES WITH DEPOSITS PRIOR TO 12/31/80, BALANCE DUE 5/1/81, AND REDUCTION OF UP TO $500 ON PURCHASE PRICE

USED SPECIALS

New Holland 850 Baler	~~$3800~~	$3400
New Holland 845 Baler	~~$3600~~	$3300
Hesston 10 Stackhand w/3 pt mover	~~$3500~~	$2950
Hesston SP 50 Windrower	~~$3000~~	$2250

With deposit of $800 prior to 12/31/80, balance interest free till 5/1/81

USED FARM EQUIPMENT

Farmall Cub
Farmall Super C with 2 Bottom Plow
Farmall H with rebuilt engine
2 Farmall M
Farmall 460, power steering, fast hitch
Farmall 424 diesel WF 3 pt hitch, power steering

SPECIAL!!!
4130 SKID STEER LOADER, NEW 25 H.P.
$6900

DIBBLE HARDWARE
Meshoppen, PA
717-833-5337

Dollar Dividend Days

M&R EQUIPMENT
New Park, PA
York, Red Lion Brogue - 246-1972
Stewartstown, Fawn Grove 717-993-2511
MD Customers call Res 301 452-8693 after 6 P M

SEE US FOR SALE PRICES ON
SPERRY NEW HOLLAND
SKID LOADERS & MANURE SPREADERS.

ORDER PARTS NOW FOR SPRING BEFORE PRICE INCREASES!

FARM EQUIPMENT

Wanted 4 WD Kubota tractor 717-438-3354

WANTED - USED FACTORY R O P S canopy for J D 450 dozer Call 9 a m to 6 p m , 814-267-3161

For Sale - JD 55 combine, late square back serial 89389 cab, 12 ft floating platform with PU reel, 3 row 335 corn head for 28-40" rows, excellent condition, 215-297-5926

FARM EQUIPMENT

For Sale - 3 ton steel bulk feed bin, repaired and painted, $350, Lincoln Welder, like new $120, 36" Caloric gas range $40, (2) 24" Cubilos galv. $15 each Aaron S Esh, 3867 Old Phila Pike, Gordonville, PA 717-768-8422

For Sale - Midwest harrow attachment for IH cyclone 400 corn planter, 717-758-1739

FARM EQUIPMENT

Farmall A tractor, new paint, belt pulley, in excellent condition Asking $1500 Lycoming Co 717-398-4690

(3) JD 730 diesels, completely overhauled 814-793-4293

1 530 JD completely overhauled, 814-793-4293

Selling parts off JD 60 814-793-4293

FARM EQUIPMENT

Long 460 diesel tractor, 43 hp , 255 hrs , 3 pt hitch, power steering Asking $5700 717-566-6639 after 4 p m

FARM EQUIPMENT

For Sale Farmall 450, wf, rebuilt TA, good clean tractor, 2 pt hitch available 717-464-2874

FARM EQUIPMENT

For Sale - 2 Sets of tractor chains, one used, size 15 5x38 other set new size 20 8x38, No Call Sat 215-926-1428

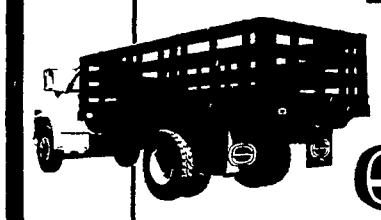
For Sale - Farm Fans 420J CMS crop dryer, list $31,640, Sale price $21,640 Call Tam Agri Corp for particulars, 717-432-9738

FARM EQUIPMENT

Combine - NH TR 70 with 4 row corn head, 680 hrs., NH 353 grinder mixer, used 20 times, private owner, 518-279-9511.

WD AC tractor, newly overhauled motor, pulley PTO and 2 spool valve, ideal for wood saw or wood splitter, 717-862 3809

Tough, Dependable City Stake Bodies

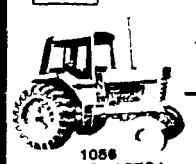


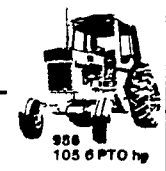
Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

M & R EQUIPMENT, INC.

New Park, PA
4 mi. E. of Stewartstown, PA
Ph: 717-993-2511
Red Lion, York, Brogue, Loganville
- Ph 246-1972 Residence 301-452-8693 after 6 P M





TILLAGE SALE
PRICES WILL NEVER BE LOWER!

720 4 x 18" plow, auto. reset - $5700
720 5 x 18" plow, auto. reset - $6100
720 5 x 20" plow, auto. reset - $6250
475 wing disc 17' 5", 22" blades - $6600
510 3 x 16" plow, semi mtd. - $2600
5500 7' chisel, mtd., Hi-clear, - $1375
4500 Vibra Shank, 18½' folding - $2675
4500 Vibra Shank 12½' - $1550

LOOKING FOR A NEW TRACTOR?? CHECK OUR INVENTORY

(2) 1086 Farmalls
3388 2+2
(2) 986 Farmalls
886 Farmalls
All Big Tractors have Diflock
IH 84 row crop
(2) 784 row crops
584 row crop
(2) 686 Farmalls
(2) 484 Utilites
284

WAIVER IS AVAILABLE
WE ARE GOING TO MOVE SOME INVENTORY!!
CALL US TODAY!!

For Instance: IH 584-row crop, fully equipped, including 16.1 GPM pump, aux. valve, 1 set wts., telescoping links, fresh factory model w/all recent changes.
LIST - $16,078 SALE PRICE - $11,900
AN AMAZING DEAL!
With Waiver Of Finance Till 3-1-81

SPECIAL HAY & FORAGE
IH 425 Baler w/trailer hitch - $4800

WAIVER OF FINANCE NOW AVAILABLE ON
TILLAGE - 3-1-81
PLANTERS - 4-1-81
HAY EQ - 5-1-81
FORAGE 8-1-81
LOADERS,
GRINDER MIXERS - 3 . 81
TRACTORS - 3-1 81
COMBINES - 9-1 81
Includes both new & used machines or take a rebate on new machines if you choose not to waiver Example - 830 Forage Harvester If waiver is not taken you get $1000 rebate when sold w/corn head

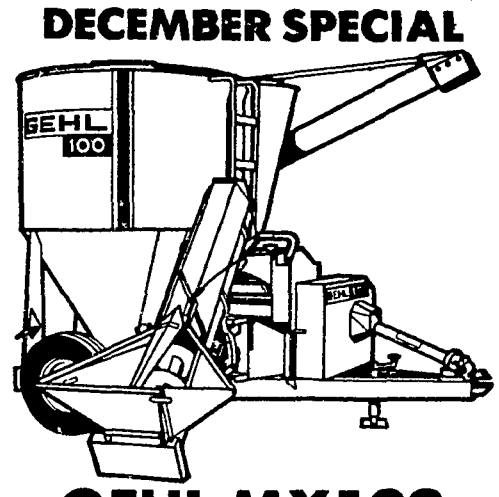
IH 815 COMBINE, DIESEL HYDRO, RECENT OVERHAUL, 844 CORN HEAD, NICE
WAIVER UNITL 9-1-81

—PARTS SPECIAL—
IH 462314R1 MOLDBOARD
Reg. $71.60
NOW $53.73

USED EQUIPMENT

550 plow - 5x16"
990 Mow - Cond
Bobcat 610 skid loader
New Idea 10' fert spreader, like new
470 wing disc 17'5'
IH 4130 skid loader
#10 New Idea picker, nice
JD 150 dump wagon
JD 14' rotary mower
IH 56 blower, nice
Many Used Disc Harrows
401 spring tooth harrow, like new
JD 2510 gas w/loader
AC D17 w/loader, nice
Super C w/cultivators
IH 2400A tractor w/6 way blade, ideal for snow removal

DECEMBER SPECIAL



GEHL MX100
New, Fully Equipped (1 only)
$5575
Special prices on CB700 and CB1000 with cash bonus. Check off up to $450.

ZOOK ENGINES
R2 Box 222A
Honey Brook, Pa. 19344
Answering service 215-273-2943

MERRY CHRISTMAS

TRACTORS
Farmall A w/cult , pulley & PTO
Farmall Super H, w/live hyd
AC WD
Farmall M w/PS & live hyd
AC WD 45 w/live PTO
DC Case w/hyd
AC CA w/live PTO & 2 bottom plow
AC Uebler tractor

MISCELLANEOUS
NH Flail Attachment for NH Baler to bale corn fodder
JD 16 disc drill
NH 479 & 460 haybine
NH wheel a feed blower
SP NH harvester
Loaders to fit IH 574, H, M, Cub, A, AC WD & JD A & B
Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows & loaders

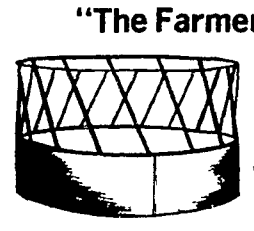
COMBINES
CII Gleaner w/grain & 4-38"
CII Gleaner w/grain & 4-30"
IH 91 10' grain & cab
IH 101 10' grain
JD 30 7' pull type

SPREADERS
NH 180 bu
NI 150 bu
NI 130 bu
IH 8' snow plow, fits most tractors up to 100 h p

DISMANTLING TRACTORS FOR PARTS
JD 70, 4010, IH F 14, A, B, C, H, M, 300, 350, Supers C, H & M JD A, B, 50 & 60 AC WD & D17 Oliver 70 & 77 Ford 8N & 860 Case SC & V A C Massey 44D, IH 400, MTA, 240, F20, WD D2 Cat crawler
Dismantling 75 combines for parts

KEITER'S FARM MACHINERY
R D #1 Halifax, PA 17032 Rt 225 20 mi from Hbg
Phone 717-362 9574 or 362-9096

SCRANTON
ROUND BALE FEEDERS
"The Farmers Favorite"



SAVE UP TO 57% Of The Hay You Feed

- Cuts hay waste
- Slant bar design prevents animals from crowding
- Built of 1¼" square tubing, stronger than round tubing.
- Cattle rarely pull hay out
- can be used for feed silage and square bales

NEW
- Vermeer 605F Baler SOLD
- Vermeer 605G Baler

USED
- Martin S1466 Spreader
- Vermeer 504G Baler

RED WING FARMS
RD #1378, Fleetwood, Pa. 19522
215-944-0791

Christmas

Star of wonder, star of night .guide us to Thy perfect light. May your holiday be one that lights the way to serenity .. peace . contentment. To our loyal patrons, special "thanks" for your support

M.M. WEAVER & SONS, INC.
LEOLA, PENNA.

BALDWIN ELECTRIC MOTOR DIVISION, INC.
Warehouse and Factory Service
Call 717-354-5566
Call 717-354-4651
BALDOR ELECTRIC MOTORS
ENERGY-SAVING BALDOR ELECTRIC MOTOR
Serving Southeastern Pa., Maryland, Delaware & New Jersey
FARM DUTY MOTORS IN STOCK
P O Box 232, Honey Brook, PA 19344

YEAR-END SPECIALS
NEW JOHN DEERE EQUIPMENT

567 Wheel Rake	$1300
3940 Harvester	$6900
1100 Field Cultivator 13 ft	$1600
415 Rotary Hoe	$1725
1710 Tiller 11 ft	$4900
1250 Plow 3 Btm 16	$1400
1440 Planter 4 Row	$4500
80 Plateless Planter	$4500
1275 Wagon	$1600
965 Wagon	$495
307 Integral Gyramor	$825
506 Rotary Cutter	$700
146 Loader	$2100

WENGER IMPLEMENT, INC.
The Buck, Pa.
717-284-4141
master charge VISA PACE

As Christmas blooms we hope its unique brilliance and color will brighten all your days.

C.J. WONSIDLER BROS.
Quakertown, PA
New Tripoli, PA Oley, PA

SALE

DIAPHRAM PUMPS

Pumps sandy water, Industrial and Farm Waste - Ideal for Hog Manure
Also
USED GORMAN-RUPP solids handling pump with engine, trailer optional

EECO, INC.
4021 N 6th St.,
Harrisburg 17112
717-238-9423

FOR SALE

Today you can buy at 1 year old prices and 25% off list before Jan price increase of about 8%.

- P&D Silo Unloaders
- Pincor Stand-By Alternators w/5 yr parts and labor warranty
- Electric Motors to 5,000 H P
- Berg new Forage barn cleaner chain $8 77 per ft lasts longer and split chute are 10 year warranty some are 20 years
- Steel Roofing and Siding Hot Dip ½ zinc ½ aluminum gives twice the life with 20 yr warranty to 40' cut to the inch, delivered, $37 95

ZIMMERMANS EQUIPMENT
RD 1 East Earl Pa
Box 391 17519
215-445-5309

Ford Tractors Equipment

STRALEY FARM SUPPLY

Wishes everyone a Merry Christmas

1760 East Canal Road
Dover, PA 17315

Ford 8000 with cab
Ford 7000 overhauled motor
Ford 4600 SU with 730 loader
Ford 2600 w/broom, 50 hrs.
Ford 4400 TLB
Ford 4500 TLB
Marshall forklift, 3 ton
AC payloader, model 12, 4 wheel
IH payloader, model 50 w/4 in 1 bucket
Skywitch high lift platform w/hyd. up to 25'
New Ford 420 TLB
3500 lb. loader
13' backhoe
New Ford 445 TLB
Ford 545 TLB
Ford 555 TLB
Cord wood saws
Log splitters· JD, Danhauser, Kelley, McCullough
1962 IH Scout 4 WD
Playmar camper, fully equipped, ideal for hunting & camping
717-292-2631
717-292-4443

FARM EQUIPMENT

Large selection of Tractors Skid Loaders Pay Loaders, Trenchers, Fork Lifts Backhoes Road Grader, Stone Picker, Rotovators Used Loader & Backhoe Buckets, Stone Rakes, Scraper Boxes, Front and rear mounted Blades Large Selection of Plows Mounted Trailer & Rollover Disc Harrows Cultipackers 2 4 6 row Corn Planters Cut Ditioners Balers, Rakes Tedders, Rotary Mowers HayBines Tank Spreaders, Grain Drills Rolling Cultivators, Chisel Plows Corn Shellers Snow Blowers, Milk Tanks, Wood Saws and a large selection of 3 pt Equipment Lots more equipment not listed Case 4 wheel drive Tractor and Hundreds of Tractors to choose from

KEENER EQUIPMENT CO
Intersection of
Rts 72 & 283
Lancaster, Pa 17601
Phone 717-569-9861

Merry Christmas

Rejoice! Enjoy the miracle of Christ's birth together in harmony and peace

CLAIR J. MYERS
R1, Thomasville, PA
717-259-0453
1¼ mile N. of 30 on Lake Rd.
Open till 9 P.M.

FARM EQUIPMENT

case

NEW EQUIPMENT

New Holland 800 Manure Spreader w/truck tires and hydro endgate
$9,800 00

New Holland TR-85 Combine w/13' table and 6 row corn head
$68,000

USED EQUIPMENT

AC D17 Gas Tractor w/heavy duty loader, Real Good

(2) NH 518 Spreaders

NH 327 Spreader

NH 512 Spreader, Good

NH 276 Hay Baler, Nice

Paul Shover's Inc.
And All Employees Wish Everyone The Merriest Christmas ever...
And A Prosperous New Year!

Paul Shover's Inc.
35 E. Willow Street
Carlisle, PA
717-243-2686

NEW MACHINERY

1 JD 1209 mower conditioner	$5000
1 - JD 6000 blower	$1300
1 - Century 300 gal sprayer	$1700
1 - Little Giant Elevator 38'	$1800
Several model 2600 & 2800 plows 3 bottom, 4 bottom & 5 bottom 16" & 18"	
Chisel Plows	

USED MACHINERY

1972 JD 4400 combine with 13' platform and 343 corn head	$20,000
1976 MF 750 combine with 14' grain head and 44 corn head	$35,000
1976 New Idea 325 picker sheller 30" row	$4000
JD 4010 Diesel Tractor	$7500
AC D17 Gas Tractor, good cond	$2500
AC WD45 Diesel, good cond	$1500
JD 2010 Gas w/Loader	$3500
IHC 1066 w/cab, motor just overhauled	$15,500
IHC H Tractor	$1275
IHC 400 4-Row Aire Planter	$3500
IHC Model 56 4-Row Planter	$1500
JD 494A Planter Ex Cond	$975
Starline Spreader, like new	$2000
Case 1737 Skid Steer Loader	$3500
NH 271 Baler	$975
IHC 430 Baler w/thrower	$2500
1740 Cart Harrow 19' new teeth	$1500

JOHN DEERE

WALTER'S SALES AND SERVICE
RD 2 Mifflinburg, Pa.
717-524-4637
JD Agricultural Dealer and CP

A Prayer for Christmas
May the spirit of Christmas inspire mankind to persevere in the quest for the blessing of Peace on Earth

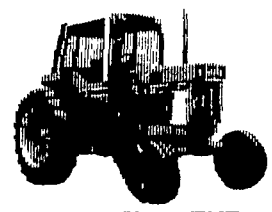
SHOW-EASE STALL CO.
573 Willow Rd., Lanc., Pa
Yours For Better Dairying

1	JD 4020	2	used disc harrows
1	JD 3020 w/loader	7	used pickers
1	JD 3010	6	Spreaders
1	JD 720	2	round balers
1	JD 60	1	352 NH grinder mixer
1	AC 190XT		
1	AC 7060	6	used haybines
1	AC 7000	7	square balers
1	AC 7010	6	forage harvesters
1	Farmall 504	1	NH L 775D skid loader
1	Farmall 766	1	Case 1530B skid loader
2	Farmall M	1	NH 3200 skid loader
1	Ford 6000	1	New Idea wheel rake
1	Ford 3000	1	NH 256 rake
1	Oliver 88	1	Case 660 combine (cherry)
1	Oliver 770	1	IH 403 combine (excellent)
5	Used corn planters	1	IH 82 pull type combine (like new)
3	Used blowers	1	NH 975 combine (excellent)
1	Farm Hand feeder wagon		
1	NH 393 tub grinder		
1	Massey 135		
1	MM Jet Star 3		
12	Used plows 2 to 8 bottom		
2	used chisel plows		

30 New John Deere and Allis Chalmers Farm Tractors In Stock
20 New John Deere Snowmobiles

Free Finance on most equipment till next May - Combines till next September

Best Prices and Unbeatable Service
UNIONTOWN FARM EQUIPMENT CO.
Uniontown, PA
412-437-9851



USED EQUIPMENT

Farmall C
Farmall 966D
Farmall 504
(2) Farmall H
Farmall 666 gas
Farmall 656 D
Farmall 656 w/WF axle
Farmall 560 gas
IH 2424 Diesel w/200 loader SOLD
IH 784D
IH 674D
IH 656
IH 544D w/ldr
JD B

NEW COMBINES

IH 1440 w/844 corn head

USED COMBINES

IH 1440 w/844 corn head
IH 503 w/2 heads
IH 815 w/grain head
IH 205 w/grain head
JD 105 w/2 heads
MM 4296 w/2 heads

NEW TRACTORS

IH 3588 2+2
★ IH 284 diesel ★
IH 384 w/1850 loader
IH 584 diesel
Farmall 1086
Farmall 986
Farmall 88? SOLD

USED HARROWS

IH 37 10
IH 9A 9'
21' MF disc harrow
Lilliston rolling harrow
10' transport harrow

CHOPPERS

AC 720 chopper w/2 row head

TILLAGE

IH 735 vari-width, auto plow
IH 55 chisel plow
IH 6000 consertil
IH 4500 Vibra Shank

DISCS

IH 122 5'6"
IH 122 6'9"

USED GRAIN DRILLS

IH MF 16x7

HARVESTING

IH 1 PR corn picker

Merry Christmas

WM. HOBENSACK'S SONS
1060 Greeley Ave., Ivyland, PA
215-675-1610 215-343-2101

FARM EQUIPMENT

FARM EQUIPMENT

LANCASTER SILO CO. Inc.
2008 Horseshoe Road
2436 Creek Hill Road
LANCASTER, PA 17601

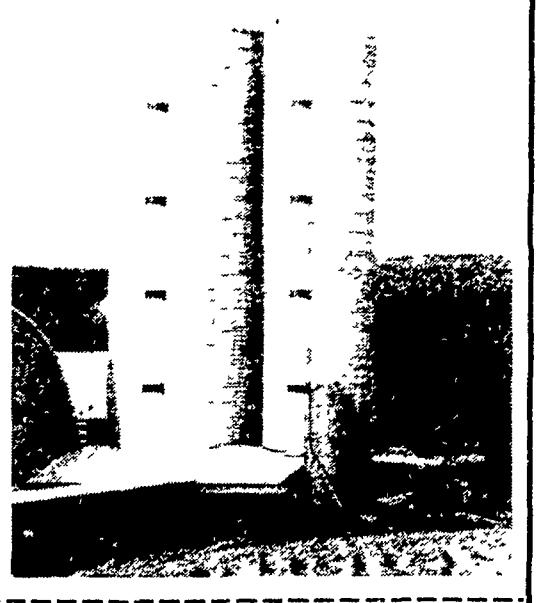
MERRY CHRISTMAS

May all your days shine with a brightness that fills your heart with joy and contentment on this holiest of holidays!

The Office Of Lancaster Silo Co., Inc. Will Be Closed Dec. 24, 25 & 26

WE MANUFACTURE & BUILD "LANCASTER" CONCRETE STAVE FARM SILOS

"CALL IT WHAT YOU LIKE"
End Of Year Savings - Early Order Before New Prices!!!
December will Probably Be The "BEST" Time To Buy A Lancaster Silo
Let Us Quote - You Will Be Glad You Did!



Check Our Quality Items Available On All Lancaster Concrete Stave Farm Silos

Corrugated 3" Wet-Cast Staves
Hi-Strength 9/16" Dichromate Rods
Aluminized Steel Roof & Dormers
Stave Or Aluminized Steel Chute
Smooth, Heavy Coat Interior Plaster

SALE: Used 10 x 50 Fickes Silo
Call For Details & Save on This Special

OUR "SPECIAL"
"LANCASTER" BELT FEEDERS
"LANCASTER" TAPER BOARD FEEDERS
"LANCASTER" DOUBLE-CHAIN CONVEYORS

SILO UNLOADERS:
STARLINE #70 - 12' - 14' - 16'
VAN DALE MAGNUM 16' - 18' - 20' - 24'
COMPLETE SERVICE & PARTS

FOR COMPLETE INFORMATION, CALL:
Larry Hiestand - Office - 717 — 299-3721
Wayne Lloyd - Sales - 717 — 299-3722

FARM EQUIPMENT

WE'RE $ HAVING

Dollar Dividend Days

FORAGE & BALERS
HAYTOOLS & COMBINES

GOOD REASONS TO BUY

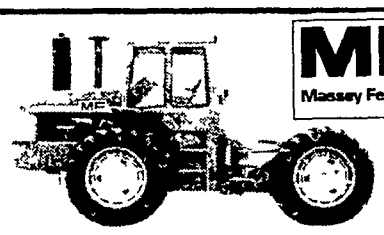
LOW PRICES
INVESTMENT CREDIT
NEW HOLLAND REBATE

New Holland TR 70 Combine Cat, Hydro 4RN, 13' Platform
New Holland 310 Baler & Thrower
New Holland 315 Baler & Thrower
New Holland 355 Grinder Mixer
John Deere 950 Dsl. Tractor

Stanley A. Klopp Inc.

Bernville, Pa.
215-488-1510

• **SALESMAN WANTED - SEND RESUME**



MF Massey Ferguson

NEW EQUIPMENT IN STOCK
MASSEY FERGUSON

154 4 diesel tractor
184-4 diesel tractor
205 4 diesel tractor
245 8 sp diesel tractor
255 8 sp diesel tractor
255 MP diesel multipower tractor
265 MP diesel multipower tractor
265 8 sp diesel tractor
2745 MP diesel tractor row crop w/cab
2805 diesel tractor multipower, row crop, cab
13 & 15' tables & reels
1144 corn head
640 4 row planter
124 balers w/throwers
129 chisel plows
227 snow blades
520 discs 880 plows
Glenco soil saver 7 shank
Vicon rakes fertilizer spreaders & mower condi tioners
McConnell harrows
Larson 5 ton fertilizer spreader
Full line of Equipment Available

CUSTOMER REBATES & WAIVER OF FINANCE CHARGES ON NEW EQUIPMENT ONLY TILL JANUARY 30, 1981

AG TRACTORS
Compacts $150
30 99 hp $350
2000 series $1000
4000 series $2500

COMBINES
500 series $1000
700 series $2000

CORN HEADS
$100 to $500

FREE FINANCE ON ELIGIBLE USED MASSEY EQUIPMENT

USED EQUIPMENT

MF 285 diesel tractor 8 sp
MF 2805 diesel tractor 350 hrs 1 yr warranty
MF T030 tractor
IH 350 tractor
JD A gas tractor
MF 410 combine w 43 corn head
MF 540 combine diesel
MF 750 diesel combine 3 yrs old w/new grain table
MF 760 diesel combine w/16 heads
Bobcat Melrose 700 skid loader
NH balers
NH mower conditioners
NH L 225 skid loader
Case 1160 combine w/13' grain table

ERTL MASSEY FERGUSON TOYS

MERRY CHRISTMAS

FROM ALL OF US

ABRACZINSKA'S

Farm Equipment, Inc.

RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

FARM EQUIPMENT

AG-BAG

AMERICAN AG-BAG INC.
Wishes A Merry Christmas to all and to all our patrons a holiday packed full of the pleasures and treasures at this happy time.
Our thanks.

AMERICAN AG-BAG INC.

FORAGE SYSTEMS

206 E. Main St., Box 61,
Brownstown, Pa.
717-656-4251

ATTENTION FARMERS Trucking available for machinery, livestock and crops local and long distance Call 717-665-4868

Sales. Frank Walters 717-733-3665 (Res)
Sales. Bob McElroy
Sales. "Skip" Geiter 717-392-2822
Sales Ralph Benner 717-786-1384
Sales Phil Leininger 215-267-7870
Sales Bud Thompson, Palm, Pa 215-679-6024
Sales Jack Treadway 315-659-2407
Sales Dan Wood 717-993-6329
Sales Robert Kreider 717-569-1011 (Res),
Sales Dennis Shenk 717-299-1429
Sales Frank Brosemer 717-859-2775 (Res)

John Deere design, dependability, and dealers make the difference

JOHN DEERE

NEW EQUIPMENT

New Tractors
JD 1050
JD 950
JD 850
JD 2440
JD 2040
JD 4440 w/PS cab & air

USED HARVESTERS
JD 34 w/2 RC & hay pickup
JD 38 w/2 RCN & hay pickup
JD 3800 w/2 RCN & hay pickup
NH 707 3 pt hookup w/RC attach

NEW FORAGE HARVESTERS
JD 3940 w/2 RC & hay pickup
JD 5440 SP w 3 RC & hay pickup

NEW JOHN DEERE EQUIP
JD 350 5 bottom semi mounted power reset plow
JD 215 12 10 disc harrow

USED TRACTORS
JD 4240 quad w/ sound guard body exc
JD 4520, SR w/year around cab
JD 4320 SR WFE
JD 3020 diesel
JD 3020 gas
JD 2520 gas
JD 2640 HU diesel hi lo
JD 2440 HU diesel hi lo
JD 2630 HU diesel
JD 2030 RU diesel w/48 loader
JD 2010 gas RC
JD 720 diesel RC
IHC 656 diesel hydro exc
IHC Super C
Farmall A w/cult

USED PICKERS
NI 324 2 RW picker
NI 323 1 R

USED COMBINES
Massey 300 w/cab & 13 platform 3 RW head
708 NI power unit like new w/hydrostatic cab & air

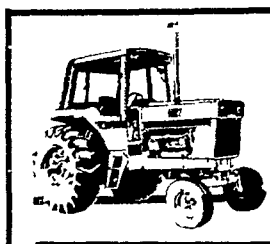
NEW IDEA 206 GROUND DRIVE SPREADERS WILL BE COMING
(Taking Orders Now)

MERRY *Christmas*

LANDIS BROS., INC.

1305 Manheim Pike
Lancaster, PA 17601
717-291-1046

FARM EQUIPMENT



USED EQUIPMENT

1978 IHC 1086 T[SOLD]or, 370 hrs., 20" rubber, cab, and air.
IHC 1486 Tractor, 900 hrs., fully equipped, perfect
1974 IHC 1466 Tractor w/cab, less air, $11,750 w/new rubber
IH 1468 Tractor w/cab, air, & 20" rubber, an ex[SOLD] running heavy tractor for $13,900.

704 NI Uni w/co[SOLD], 800 hours.

IHC 500C Crawler/Loader, 4-in-1 bucket
IHC 1066 Red Cab Tractor
IHC 656 Utility Gas Tractor w/2000 Loader
IHC 424 Utility Tractor w/excellent loader
JD 4430 Tractor loaded, excellent
JD 1020 Gas Tractor w/#47 loader
Farmall 966 Tractor
Farmall 756 Gas Tractor
MM 4AT 1600 Tractor, 4 wheel drive, 3 pt. hitch, excellent
Farmall 656 Ga[SOLD]ractor, recent motor job & New ti[SOLD]es
Massey 510 Gas Combine non-Quick Tach.
NI 708 Uni w/717 combine and 15' flex type soybean head and 4 row 744 N corn head.

RAYMOND B. LEAMAN

Willow Street RD 1, Ph Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt 222 take Brenneman Road
at Graybill Bros Garage, Refton

Season's Greetings

HERR & LEAMAN

Farm equipment
Let Us Know What Your Looking For

GUARANTEED QUALITY USED TRACTORS

JD 3020 diesel power shift JD wf year around cab & air local trade in
IH 1466 cab & air radials dual PTO hydraulics
IH 1256 diesel cab fully equipped sharp tractor
IH 656 diesel hydro wf 3 pt
IH 856 diesel 3 pt wf 38 rubber nice
IH 856 diesel 3[SOLD]r recent engine overhaul clean tractor
IH 826 M&W turbo fully equipped
(1) IH 806 diesel 3 pt wf fully equipped
IH 706 diesel 3 pt
IH 656 gas gear drive utility w/2000 loader
JD 4620 Syncra ran[SOLD] new rubber w/duals difflock & dual hyd[SOLD]good
Farmall 656G gear drive w/straight draw bar extra nice $3 200
Oliver 1650 diesel local trade in
MF Super 90 diesel wf multi power
Farmall 450 gas w/fast hitch & PS

MISCELLANEOUS

2 year around Cabs to fit JD 3020 to 4020 one w air
IH 2000 loader excellent
IH 3 16 fully mtd plow 3pt
IH 540 plow w/hill side hitch
Duals 18 4x34 axle mount for IH
(1) Cab for IH tractor 06 series & 56 [SOLD]
IH weights

Ph. Lancaster 717-284-4659
& Evenings 717-786-4899

FARM EQUIPMENT

JOHN DEERE

USED EQUIPMENT

Tractors
Farmall Super A w/cultivators
New JD 2040 - special price
JD 3020
JD 4430

Corn Planters
JD 1240 4-row
JD 1440 4-row
JD 7000 4-row, like new

Forage Wagon
JD 716 w/1275 running gear

SEASON'S GREETINGS

NEUHAUS'ES INC.

John Deere
R D #2, Exit 3 I-83
York, Pa 17403
717-428-1954

VISA

JOHN DEERE

SPECIAL CLEARANCE BUYS

NEW JOHN DEERE EQUIPMENT

336 Baler w/ejector
HD 336 Spring Tooth Harrow
415 Rotary Hoe
1207 Mower Conditioner
1209 Mower Conditioner
2500 4B Hyd. Reset Plow
2500 5B Spring Reset Plow
1610 Chisel Plows
660 Rake
790 Flail Spreader
C81 Spin Spreader
40 Spreader
714 Chuck Wagon
1065A Running Gear
1075 Running Gear
1710 Mulch Tiller

OTHER EQUIPMENT AVAILABLE

JD 45 Rear Blade 7'
JD 88 Rear Blade 9'
Bush Hog RM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
JD 143-145-148 Loaders
JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Bush Hog 146-302 Disc Harrows

USED EQUIPMENT

JD B
JD LA
JD 520
JD 720
JD 3010
Farmall H, M, MD
AC C, WC, WD
Ford 8N
Ford Dextra (Diesel)
JD 55 Combine
JD 95 Combine
AC Cleaner CII
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 Cutter

Special Deals on More Equipment not listed. See us Now!

Call For Details

MILLER'S SALES & SERVICE INC.

West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT | FARM EQUIPMENT

FARM TRACTORS AND EQUIPMENT

New	Retail	Cash & Carry Price
28' Little Giant Elevator	1617.00	1375.00
32' Little Giant Elevator	1704.50	1427.00
36' Little Giant Elevator	2037.50	1706.00
718 New Holland Forage Harvester	6416.00	5002.00
770 New Holland Row Crop Head for 718	1430.00	1250.00
10'6" Amco Offset Tandem Disc	5507.00	4477.00
Used		
Hawkbilt Tank Type Manure spreader-Used	650.00	250.00
John Deere Pull type corn planter-Used	250.00	125.00
New Holland Forage Blower w/pipe-Used	200.00	100.00
Meyers 27" snow-plow for tricycle tractor - Used	550.00	450.00
282 New Holland Baler-Used	2950.00	2000.00

Ford Tractors Equipment

EDWARDS FARM EQUIPMENT

291 W. Moorestown Road, Route 512 At Clearfield, Nazareth, Pa. 18064
Phone 1 (215) 759-0240

Dollar Dividend Days

	our price	dividend
NH 310 Baler w/long tongue, hitch and jack, flotation tires	$4400	$250
NH 70 Bale Thrower for 310 Baler	$1400	$ 70
NY 256 Rake w/Hitch, Jack and Dynatines	$1700	$ 70
NH 474 Haybine	$5575	$200
NH 488 Haybine	$5450	$250
NH 489 Haybine	$6550	$250
NH 451 Mower	$1535	$ 70
NH #8 Crop Carrier w/ 234 wagon, flotation tires	$5500	$200

FREE FINANCE ON THE FOLLOWING EQUIPMENT

NH 28 Blower	$1900
NH 782 Forage Harvester 540 RPM	$6350
NH 822 2R 38" Crop Unit	$2300

USED EQUIPMENT

NH 1495 Haybine w/full cab	$14,000
NH 495 Haybine	$3500

SPERRY NEW HOLLAND

I.G. SALES

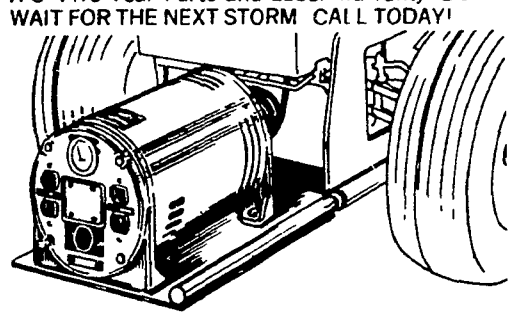
Silverdale, Pa. 18962 215-257-5135

FARM EQUIPMENT | FARM EQUIPMENT

PINCOR ®

Did you know your lawn & garden tractor can protect your home against electrical failures? Full one year warranty Dependable 2000 through 7500 WATTS Plus a complete line of engine driven portable alternators with automatic fuel saving device

PTO models range from 8½ to 75 KW Longlife 1800 RPM all copper wound Brushless on the A C Five Year Parts and Labor warranty DON'T WAIT FOR THE NEXT STORM CALL TODAY!



Special Coupon Worth $100 to few thousand dollars on Pincor Alternators.

Save this coupon or give to a friend. Expires Dec. 31, 1980

ZIMMERMAN'S EQUIPMENT
East Earl, Pa. 17519
215-445-5309

Dealer Inquiries Invited

ZIMMERMAN'S EQUIPMENT

RD 1 East Earl, Box 391 17519
215-445-5309

WISCONSIN HEAVY DUTY ENGINES

YEAR END SALE

20 to 40% Discount On 50 Engines In Stock

Wisconsin, Wisc.-Robin & Briggs & Stratton

EXTRA SPECIAL

AENLD 9 hp w/cl. red.	$885
VH4D 30 hp w/cl.-red. (Crank start)	$1550
VH4D 30 hp w/el.-red. (electric start)	$1795
B&S 10 hp cast-iron	$325

WISC. - ROBIN

EY18-3W 4.6 hp	$245
EY25W 6.5 hp	290
EY27W 7.5 hp	305
EY27W w/Reduction	390
EY27W w/Clutch	595
EY27W Electric Start	450
EY44W 10.5 hp	498

WISC.

VH4D for Bobcat	$1465
VH4D for Mustang	1815
VH4D for Case	1550
VH4D for N.H.	1435
VH4D for IHC	1575
VG4D for Case, Mustang, J.D. & N.H.	2050
VH4D for N.H. Haybine	1975
VH4D w/clutch - reduction	2300
V465D 65 hp w/cl. - reduction	2975

"December Only" This offer will not be extended after December 31, 1980

FISHER ENGINE SERVICE

3141 Old Phila Pike, Bird-in-Hand, PA 17505
Phone 717-768-3729

NEW EQUIPMENT

WHITE - 2-85 Tractor
2-45 Tractor

KAWANEE-
46 ft. 8'' Auger Elevator

BRILLION-
12 ft. Pullveriser

GEHL-
2600 Skid Steer Loader
4400 Skid Loader

USED EQUIPMENT

MF No. 20 Tractor
Gehl Forage Wagon with Tandem Running Gear
Int. 350 Harvester with 1 Row Cornhead and Hay Pickup Head.
Oliver 3242 Mtd. 3-Bot. 14" Plow
Oliver 1850 Gas
(2) White 5400 4-Row Cornplanter, 1 w/ Liquid and 1 w/ Dry Fert
FB88 Gehl Forage Blower
NI 324 Gathering Unit w/314 sheller
NH No. 880 Forage Harvester w/3 row cornhead

MILLER EQUIPMENT CO.

RD 1 Bechtelsville, PA
215-845-2911

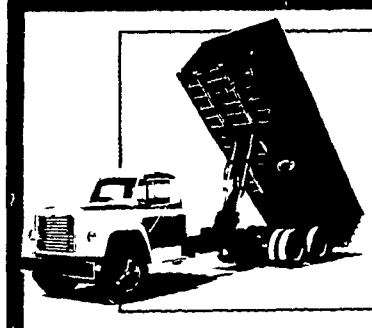
FARM EQUIPMENT | FARM EQUIPMENT

HARK

the Herald Angels sing
of eternal peace
our Lord doth bring.

Our everlasting gratitude to our many friends.

Longenecker's, Inc.
At Clappertown
Williamsburg, PA
814-793-3731



Tough, Dependable Truck Bodies & Hoists

Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

CHRISTMAS GREETINGS

As you kindle the light of hospitality in your heart and hearth, may every bright delight of the holiday be yours.

The Christmas season is more than just a holiday. It is a time to renew our dedication to "peace on earth, goodwill towards men." All the folks at L.H. Brubaker Inc. sincerely trust that at this season of the year you will join with us in renewing our devotion to the true Christmas theme. May your holiday be a joyous one and may your New Year be a prosperous one.

HAPPY HOLIDAYS FROM ALL OF US!

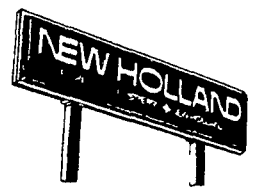
L.H. BRUBAKER, INC.

350 Strasburg Pike Lancaster, PA

SAVE TWO WAYS

ABC GROFF'S YEAR-END SPECIAL PRICES

AND SPERRY NEW HOLLAND'S



Dollar Dividend Days

FORAGE & BALERS HAYTOOLS & COMBINES

More ways to save during Dollar Dividend Days! Now you receive a dividend check when you buy any new combine most forage equipment as well as hay tools and balers Or if you prefer get Free Finance until the seasonal use date (March 1 1981 on combines) You choose how to save

Free Finance lets you finance the equipment you need for next year with possible tax advantages this year You make a normal down payment with no finance charges until your machine s seasonal use date (March 1 1981 on combines)

Dollar Dividends mean you receive a check from Sperry New Holland when you purchase any eligible new machine before the end of the year Check this list for the eligible models and the dividend you'll get

"DOLLAR DIVIDEND DAYS" DIVIDENDS HAVE BEEN INCREASED BY ONE-THIRD FOR THIS FINAL MONTH. CHECK THESE PRICES!

	SALE PRICE	DOLLAR DIVIDEND Until Dec 31	FINAL NET
TR85 Combine with 962N4 Corn Head Demo	$66,887	$3,333	'63,554
15 Ft Floating Cutterbar (demo)	5129	—	5129
892 Forage Harvester with 822 - 2 Row Head (demo) 1 Only - No Trade In	10,199	800	9399
782 Forage Harvester with 822-2 Row Head 1- Only No Trade In	8999	667	8332
707 Forage Harvester With Corn Head	4416	267	4149
25 Forage Blower Whirl-A-Feed	1660	100	1560
28 Forage Blower Whirl-A Feed	2120	100	2020
30 Forage Blower Whirl-A-Feed 1000 RPM	2083	100	1983
495 Mower Conditioner	8125	600	7525
846 Round Baler with Auto Wrap (demo)	7460	467	6993
310 Engine Baler With Steel Wheels	5982	333	5649
310 Baler with Super Sweep Pickup	4880	333	4547
310 Baler with Model 70 Bale Thrower	7033	426	6607
315 Baler with Super Sweep Pickup	6030	333	5697
315 Baler with Model 70 Bale Thrower	7445	426	7019
320 Baler with Model 70 Bale Thrower	9187	426	8761
488 Mower Conditioner	5650	333	5317
489 Mower Conditioner	6686	333	6353
472 Mower Conditioner	4800	267	4533
256 Rake with Rubber Dyna Tynes	1740	93	1647
256 Rake with Coil Spring Teeth	1615	93	1522
451 Mounted Mower with 7 ft Cutterbar	1520	93	1427

All equipment prices listed here are subject to the available stock on hand

SPECIALS ON NEW JOHN DEERE TILLAGE TOOLS

JOHN DEERE DISK HARROWS

MODEL	CUTTING WIDTH	BLADES	WHEELS	LIST	SALE
115 DEMO	10'0"	20' 7 gauge	Single 7 50x14	$3466	'2651
115	11'5'	20" 7 gauge	Single 11Lx14	3913	3108
215 DEMO	11 5"	22" 7 gauge	Single 9 5Lx14	5125	3830
215	11 5'	22" 7 gauge	Single 9 5Lx14	5125	4029
1630	11'7"	26" Cutout ¼" Front 26" Solid ¼" Rear	Dual - 9 51x15	6691	5771

JOHN DEERE PLOWS

MODEL	# OF FURROWS	BOTTOM SIZE	STANDARDS	COULTERS	LIST	SALE
45	3	16"	Safety Trip	17" Rippled	$1850	'1445
1250	3	16"	Safety Trip	18" Rippled	2175	1699
2600 (2)	4	18"	Spring Reset	Heavy Duty Cushion w/18" Rippled Blades	7768	6059
2800	4	18"	Spring Reset	Heavy Duty Cushion w/18" Rippled Blades	9190	7190

JOHN DEERE CHISEL PLOWS

MODEL	WIDTH	# OF STANDARDS	HITCH	LIST	SALE
1610 (2)	8'	8	Integral	$2147	'1717

JOHN DEERE MULCH TILLER

MODEL	WIDTH	# OF STANDARDS	# OF DISKS	LIST	SALE
1710A	11'	9	16	$7284	'5765

DECEMBER SNOWMOBILE SPECIALS

— NEW —

	LIST	SALE
JD 440 - 1980 Liquifire (2)	$3292	$2739
JD 440 - 1979 Trailfire (1)	2176	1859
JD 340 - 1980 Trailfire (3)	2189	1859
JD 340 - 1979 Spitfire (3)	1574	1379

— USED —

1979 JOHN DEERE SPITFIRE $990

1978 JOHN DEERE LIQUIFIRE $1999

1977 ARTIC CAT PANTERA 5000 $1499

NEW SKID STEER LOADERS

NH L 325 with 54" Bucket, 22 HP — $7785

NH 445 with 54" Bucket 30 HP, Gas — $9885

FREE FINANCE

USED FORAGE EQUIP. TILL:	USED HAYTOOLS TILL:	USED BALERS TILL:	USED COMBINES TILL:
8-1-81 on Corn Attachments	6-1-81	6-1-81	3-1-81
6-1-81 on Hay Attachments			

Used Tractors

Ford 901
Massey 165D
JD 2020D
JD 3010D

Used Balers

1 - NH 277 Baler w/54A thrower
1 - NH 271 w/thrower
1 - JD 224 Baler w/#2 thrower
1 - JD 24T Baler w/ thrower
NH 269 Engine Baler
NH 273 Baler
MF 10 Baler w/thrower
NH 268 Baler w/thrower

Used Spreaders

NH 790 Spreader
JD 790 Tank Spreader
NH 518 Spreader
NI 213 Spreader
NH 328 Spreader
NH 512 Spreader
JD-N Spreader
NI 213 Spreader

Used Skid Loaders

NH L775 Diesel
NH L778 Gas
D100 Backhoe
D130 Backhoe
Case 1530 Gas
NH LB11 Backhoe

Used Tillage

JD 210 Disk, 11'5"
Mohawk 9 tooth Chisel Plow
Brillion 10' Culti Mulcher
JD 350 Plow, 5 bottom
JD 925 Roller Harrow, 9 ft
JD Spring Tooth harrow, 9 ft

Used Forage Equipment

1 - Fox 3000, 1000 PTO, 2 row corn head w/hay pick up
1 Fox 3000, 1000 PTO, no head
1 NH 770 w/1 row head
2 - NH S717 Harvester
1 - NH S717, 540 PTO w/1 row corn head
1 JD 215 w/roof and JD 1065 gear
1 - NH #8 w/3rd beater, roof, and NH gear
1 - NH #8 w/3rd beater, roof and NH gear
1 - NH #8 crop carrier, metal 4 ft sides with IH 234 gear, big tires
1 - Lamco box, 3rd beater, ext sides, no gear
2 JD 214 Forage Box w/John Deere geas
1 - Gehl Blower

Used Hay Tools

NH 489 Haybine
JD 1209 Mower conditioner
NH 469 Haybine
NI 272 Cut-ditioner
NH 279 Haybine
NI 3 pt Mower
NI 750 Hay Conditioner
Triumph Hiway Mower
NH 467 7' Haybine
NH 477 Haybine
NH 479 Haybine

May you experience
all the joys of the holiday...
peace, brotherhood and love.

Your authorized SPERRY NEW HOLLAND dealer

ABC GROFF, INC.

OUR TRUCKS ARE RADIO CONTROLLED

Since 1890

STORE HOURS
Mon , Tues , Wed 7-5
Thurs Fri 7 9
Sat 7-4

110 S Railroad Ave
New Holland PA 17557

Parts 717 354-4191
Sales 717 354-4731
Service 717 354-8004

master charge VISA

OPEN THURSDAY & FRIDAY TILL 9 PM

Best Wishes

Holiday greetings all! May the happy spirit of this season be yours forever!

PIKEVILLE EQUIPMENT INC.
R.D. 2
Oley, PA
Phone: 215-987-6277
Serving the Oley Valley 41 Years.

WHITE Farm Equipment

FIELD QUEEN FORAGE HARVESTERS

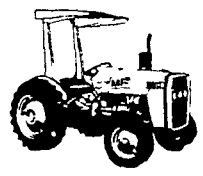
NEW EQUIPMENT SPECIAL PRICE ON WHITE TRACTORS
2-135 20 8x38, Air
2-105 Demo, 20 8x38, Air
2-62 w/Loader
2-35
2-30 4 Wheel Drive
8700 Combine
9700 Combine, (Axial)

NEW HARVESTERS
Fox 6654 SP
Fox 3310
NI 708 Uni
NI 709 Uni
FQ 7650 Side Dump

Special Price On Speedy Corn Cribs **$700.00** 1200 lb capacity

USED EQUIPMENT
7600 Field Queen 700 hrs
FQ Side Dump Wagon
Gehl Side Dump Wagon
Oliver 1855 Tractor
Oliver 1850 Tractor
Oliver 77 Tractor
8C & 12C Hydromac Skid Loaders
NI 705 Uni Diesel Power Unit
White 5400 6R Planter
Oliver 5-16" Plow
Fox 3000 Harvester
JD 216 Fg Wagon
Bush Hog Gooseneck 32' tilt bed trailer
Farmall M w/NI Picker
NI 325 2RN Picker
NI 324 2RW Picker
NI 279 Cut/ditioner
NI 270 Cut/ditioner
Athens 10' Pull Type Chisel
SS9 Glencoe Soil Saver
NI 710 Combine
Fox Blower
Lely 18' Double Wheel Rake
Brillion 8R Hyd Wing Cultivator
JD 8R Cultivator
JD 12' Cultimulcher
NI 730 4-Row Head
NI 214 Spreader
NI 8 Ton Spreader
Hawk Bilt 180 Spreader
Hawk Bilt 2155 Roll Top
Hawk Bilt 207 Tank
Starline 3200 gal Super Tanker w/chisel injector
Hesston Stack Hand 10
Short Block GM 478 for 705 Uni
Better-Bilt Hi-pressure Vac Pump

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407



MF Massey Ferguson

TRACTORS & EQUIPMENT

JD 950 Tractor & Loader
IH #154 Cub Low Boy Tractor w/Mower
Farmall H Tractor
IH 454 Dsl Tractor
MF 204 Tractor w/Loader
IH Cub Tractor w/Mower
MF 50 Tractor w/Cab & Loader
MF 35 Tractor
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
MF 128 Baler
MF 750 Combine w/Grain Table and 63C Cornhead
MH 35 Combine
IH 915 Combine
Lilliston 76" Rotary Cutter
Brillion LGS 144 Pulverizer
Brillion 12 field cultivator
NH 519 Manure Spreader
NH 510 Manure Spreader
(2) IH #14 Rakes
JD #35 Forage Harvester

NEW M.F. EQUIPMENT

(2) MF 2705 Tractor
MF 255 Diesel Tractor
MF 245 Gas Tractor
MF 230 Diesel Tractor
MF 220 Tractor
MF 210 Dsl Tractor
MF 205 Diesel Tractor
MF 50C Tractor and loader
MF 40B Tractor w/loader & cab w/Instant Reverse Transmission
MF 30B IR Tractor w/cab and loader
MF 20C Tractor w/Cab & Loader
MF 30B M S Tractor w/Loader
MF 124 Baler
MF 468 Planter
MF 110 Spreader
MF 22 Bale Thrower
MF #43 3B Plow
MF 520 Disc Harrow
MF 226 Scraper Blade
MF 227 Scraper Blade
(2) MF 33 17 Run Drill
MF 218 Rotary Cutter

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
215-869-2214

THESE PRICES GOOD ONLY TILL DEC. 31

	Was	Now
NH bale thrower		$ 250
NH 268 baler	$1650	1450
NH 273 baler	2350	2250
NH 258 rake, demo	1395	1350
NI rollo bar rake	800	750
Hesston PT7 Windrower	1350	1150
NH 467 haybine, nice	1550	1400
NI PTO manure spreader	475	400
NI fertilizer spreader	300	270
(New) Hesston 1070 windrower		3800
(New) Hesston 1901 windrower		5550
(New) Hesston 7140 forage harvester w/hyd sharpener		5900
(New) MC 7' rotary scythe		3500
(New) 60G 5' cut MC chopper		1700
NH 455 trailer mower		695
JD rotary mower	600	525
Grimm hay tedder ground drive	850	750
NI cut conditioner, like new, cut 30 acres		2600
2 930 case tractors, std , (pulley available)		each 3850
AC D19 tractor		3400
Cub w/mower, plow and cultivator, nice		2350
Oliver 70 tractor		400

NEW EQUIPMENT

Hesston Farm Equipment
MC rotary scythe & choppers
Pittsburg spring harrows
Farm Bilt wagons 6 8 & 10 ton
Wisconsin engines from 6 to 65 h p
VM diesel engines from 14 to 150 h p

WISCONSIN VM Diesel
SALES & SERVICE

MILLER'S REPAIR
RD 1 Bird-in-Hand, PA 717-656-9013

FARM EQUIPMENT

FARM EQUIPMENT

SPERRY NEW HOLLAND Is Featuring

$ Dollar Dividend Days

Thru December 31

See us now for Big Dividends or waiver of finance charges on eligible equipment.

NH 310 & 315 balers
NH 474, 488, 489 mower conditioners
NH 256 & 258 rakes
NH 782 & 892 forage harvesters w/heads
NH 30 blower
NH TR 85 combine w/heads
NH 519 manure spreader
NH 358 grinder mixer
NH L-325 & L-445 skid loaders

SEASON'S GREETINGS

ABRACZINSKA'S FARM EQUIPMENT, INC.
(south on Rt. 42)
Rd 1, Catawissa, PA
717-356-2323

LAST MONTH FOR

Dollar Dividend Days

Get your bargain buy on New Holland Combine, Hay and Forage Equipment plus a **Cash Dividend** from Sperry New Holland - - - OR - you can have **Free Finance** until the seasonal use date it's your choice!

NEW - Sperry New Holland has just announced 33% increase in amount of December Dollar Dividends Also, now available free finance on most new and used spreaders grinder-mixers until April 1, 1981

Special prices on some flail tank spreaders, liquid spreaders w/injector, some models of wagons, skid loaders and grinder-mixers

USED EQUIPMENT

NH 850 round baler
NH 273 Baler w/PTO Baler thrower
NH 1880 S P Fg Harv w/3 row N head
NH 273 Baler w/wagon hitch & chute
NH 461 & 469 Haybines
NH 518 Spreaders - hyd endgate or pan
NH S717 Forage Harvester
Gehl Grinder-Mixer
37 IHC Baler w/thrower
Hesston 310 SP Mower/Conditioner
IHC Hay Tedder
Cunningham Hay Conditioner
JD 60 Hopper Blower
AC Hopper Blower
JD 44 Flatbed Spreader
Fox 2300 Fg Harv Elec Sharpener
IHC 550 Fg Harv 2R adj and Pickup
Lely Rake - Tedder
3 pt 6' Reversible Blade

Service and Repairs for Allis Chalmers, New Holland Starline, VanDale, Ontario Lely Pequea Zimmerman and other farm equipment

ROY A. BRUBAKER SALES * SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD 3, Lititz, PA

Your authorized SPERRY NEW HOLLAND dealer

End-Of-Year **CLEARANCE**

- Prices Good Til Dec 31 - F O B Shartlesville, Pa

AC 5050 TRACTOR $10,000
- 225 Hours, Repossessed

NEW TRACTORS - SPECIAL PRICES!

AC 5030 TRACTOR $4995
- 26 HP

AC 5050 TRACTOR. $12,500
- 51 HP, 16 9x28 tires & canopy

AC 175 TRACTOR. $13,950
- 18 4x28 Tires, Front & Rear Weights, Breakaway Couplers

AC 7010 PS TRACTOR $26,900
- 106 HP, Cab & Air, 20 8x38 Tires, Front Weights, 540 - 1,000 PTO

AC 7010 TRACTOR. $24,900
- 106 HP, PD, No Cab, Front & Rear Weights, 540 - 1,000 PTO, 20 Speed Trans

AC 7020 PS TRACTOR $30,900
- 123 HP, Cab & Air, 20 8x38 Tires, Front & Rear Weights, 540 - 1,000 PTO

AC 7045 PS TRACTOR $26,500
- Demo , Cab, 146 HP, 20 8x38 Tires, Front & Rear Weights, Stadium Lights 540 - 1,000 PTO

AC 7060 PS TRACTOR $36,700
- Cab, Air, 161 HP, 20 8x38 Tires, Front & Rear Weights, Stadium Lights, 540 1,000 PTO

USED AC 7040 PS TRACTOR . . $18,900
- Cab, Air, 20 8x38 Tires Front & Rear Weights

NEW TILLAGE EQUIPMENT - SPECIALS!

F-17 AMCO DISK HARROW $4850
- With 13'6 ' Cut

AC 2600 DISK HARROW. $6995
- Center Fold 16 8" Cut

AC 1600 MTD. CHISEL PLOW . . . $7450
- 8 Foot

AC 1600 MTD. CHISEL PLOW . . . $1750
- 10 Foot

AC 333 NO TILL CORN PLANTER. $6995
- 4 Row, 78 Air Units No Till Coulters, Insect Attach , Granular Fertilizer

USED MANURE SPREADERS

NI 218 Spreader with Hyd End Gate and Upper Beater, 318 Bu
NI 224 Spreader with Single Beater 360 Bu
NI 214 Spreader with Flail Beater, 205 Bu
NI 214 Spreader with 3 Beater and Hyd End Gate, 197 Bu
NI 214 Spreader with Single Beater and Hyd End Gate, 205 Bu
Hawk Bilt 207 Tank Spreader 200 Bu

USED MISCELLANEOUS EQUIPMENT

6 Row AC No Till Planter With 72 Units Grain Fert and No Till Coulters
4 Row Int 400 Cyclo Planter with Grain Fert and Insecticide
702 Uni Tractor with 727 Husker and 723 Corn head
726 Uni Husker
729 Uni Sheller
600 Gehl Harvester With 2 Row Wide Head and Pickup
38 JD Harvester with 2 Row Wide Head and Pickup
770 NH Harvester with 2 Row Wide Head and Pickup
325 NI Corn Picker Narrow Row with 12 Roll Husking Bed
324 NI Corn Picker Wide Row With 8 Roll Husking Bed
319 NI Mounted Picker with 12 Roll Husking Bed
74H Oliver Corn Picker
800 Gehl High Throw Recutter
NI 279 Cutditioner 9 Ft
Int Model 100 3 Pt Sickle Bar Mower

AVCO NEW IDEA FARM EQUIPMENT
ALLIS CHALMERS

ITCO
Dealer for ITCO Corp.
- Over 9,000 items At Discount Prices

SHARTLESVILLE FARM SERVICE
RD1, Hamburg, PA
215-488-1025
H Daniel Wenger, Prop.

FARM EQUIPMENT FARM EQUIPMENT

UNICORN FARM SERVICE

JAMES E. LANDIS

PATZ SALES & SERVICE
TERRE HILL SILOS
QUARRYVILLE, R.D.#2, 17566
CALL 786-4158

MANUFACTURERS OF FARM MATERIAL HANDLING EQUIPMENT

Gutter Cleaners
Manure Stackers
Manure Pumps
Manure Spreaders
Liquid-vators
Silo Unloaders
Cattle Feeders
Material Movers
Conveyors

FARM EQUIPMENT

TRACTORS
FORD 8N Like New
FORD Jubilee
FORD 2000 w/Loader
FORD 3000 Diesel
FORD 4000 Gas
FORD 5000 Diesel
FORD 5600 Diesel Like New
FARMALL H
IHC Cub w/Blade
CLOSED SUNDAYS

NORMAN R. SHORES & SON
R D 5, Towanda, PA
717 265-9014

FARM EQUIPMENT

HYDRAULIC SALES & SERVICE
ENERGY pick-up Hoist's complete $760 00 plus freight
Energy Wood splitter kits complete - set it on a rail and put power to it $295 00 plus freight
Energy 4 to 10 ton wagon hoists
Rebuilters of Hydraulic cylinders all sizes, grease pumps and floor jacks, Hydraulic pumps
Machine work wanted for a large metal lathe

FRED SPATZ & SONS
Machine Hydraulic
R.D. #1, Box 252A
Pine Grove, PA. 17963

FARM EQUIPMENT

WANTED
Used
IRRIGATION PIPE & PUMPS
Send your inventory and price to

EECO, INC.
4021 N 6th St ,
Harrisburg 17110
717-238-9423

FARM EQUIPMENT

New Idea #17 manure spreader, like new 717-379-3750 after 5 p m

Wanted NH skid steer loader $225, 325 or 445 Used, in any condition Preferably with bad engine 717 768 3729

For Sale - MF 65 gas, good condition, runs great, $2000, Quarryville area 717-786-3867

1980 Kubota tractor, 4 WD, 34 hp , diesel, 10 gear transmission, front end loader with bucket, 2 speed PTO and 3 pt hitch, 57 hrs , selling due to Health 717 229 2602

For Sale Like new JD 2640 tractor (350 hrs) 1209 haybine, 100 stack wagon & model 100 stack mover 814 857-7852

AUKER ENA EQUIPMENT AUKER ENA EQUIPMENT AUKER ENA EQUIPMENT AUKER ENA EQUIPMENT

JOHN DEERE **Nothing runs like a Deere**

THIS WEEK'S SPECIALS

NEW MACHINERY

JD 1610 Chisel, 11' Drawn	$3200
JD Power till Seeder	$6000
JD 45 Plow, 3-16	$1400
JD 1250 Plow, 3-16	$1650
JD 1250 Plow, 3-16	$2300
JD 78 Blade	$ 495

NO TRADE

USED MACHINERY

TRACTORS	WAS	SALE
JD 4020 PS	$12000	$10500
JD 4010	7700	7000
JD 730 diesel	4800	4000
JD 60	1600	1450
JD 60 PS	1900	1675
JD MT w/plows & Cultı	1800	1450
JD MT w loader	1800	1250
JD B	975	800
JD B	1100	975
MH 33	1650	1200
MF 65	3500	2500
IHC BN w cultı	1675	1475
BALERS		
JD 336 baler w 30 ejector	4600	4200
JD 24T baler w 2 ejector	1475	1000
JD 24T baler w 2 ejector	1700	1000
JD 14T baler w 2 ejector	1495	875
JD 14T baler w 1 ejector	650	595
IHC 27 baler w thrower	875	550
BLADES		
JD 7 blade for 48 loader	275	200
Myers blade	300	200
Wood blade	75	50
BLOWERS		
Papec	475	375
Gehl	475	375
HARROWS		
JD harrows	225	175
Brillion 16 Transport	SOLD	675
POST HOLE DIGGERS		
JD 31	475	400
CORN PLANTERS		
JD 494A planter w/ insecticide	1600	1295
JD 494A	900	700
AC no till 6 RN	3500	2800
IH 455	1675	1250
COMBINES	**WAS**	**SALE**
JD 45	4000	2500
JD 6620 side hill 1979	54000	50000
CHOPPERS		
NH 33 chopper	700	550

CORN PICKERS		
JD 101 picker	500	150
CULTIVATORS		
JD field cultivator	850	650
JD RM 4R	1200	850
DRILLS		
JD FB B 13x7	2000	1500
JD FB 13x7	600	475 as is
JD FB 13x7	350	175
HARVESTERS		
JD 38 w/2R RC	2000	1500
JD 35 harvester	2700	2300
Fox flail attach	1300	500
ROW CROP HEADS		
JD 2 row wide	950	750
JD 2 RN	600	500
JD 1R	600	450
JD 244 corn head	2400	2000
JD 1 row ear corn unit	1775	1500
RAKES		
JD rake	350	300
JD 640 rake	1200	1000
MOWERS & MOWER CONDITIONERS		
JD 9 mower	300	250
NH 1469 SP haybine	4000	3000
Owatonna 700 SP	3500	2500
PLOWS		
JD 350 5 16	2800	2400
JD 145 plow 4 16	1600	1300
JD 125 plow 4 16	1000	900
Ford 142 1 48	1875	1500
IHC 720 Plow 5 20	4000	3500
SPREADERS		
NH tank	450	250
Starline tank	600	450
NH 327	650	550
JD L&M	SOLD	350
WAGONS		
Snoco grain	600	350

NO TRADE

Merry Christmas

JOHN DEERE **AUKER-ENA EQUIPMENT, INC.**
Oakland Mills, PA 17067
717-463-3511 436-2235

Season's Greetings

MESSICK
FARM EQUIPMENT INC.

RHEEMS EXIT - RT. 283 ELIZABETHTOWN, PA.

LOOKING FOR THAT EXTRA INCENTIVE?

Check Our List For Years End!

CASE Interest waiver to 3-1-81 on new and used tractors; rebates on chosen models - Discounts on given model uniloaders. 12% financing on new and used loader tractors.

GEHL Interest waiver on hay and forage equipment to 5-1-81 - OR - customer rebates for December settlements up to $450.

NEW IDEA Interest waiver to 5-1-81 on hay and forage, to 9-1-81 on corn pickers.

USED EQUIPMENT

TRACTORS
Case 430 D
Case 530 D
Case 830 D
Case 1070 D
Case 1370 C-A H
Ford 5000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turf
JD A
AC 160 D
AC 7040 C A-H
AC 7080 C A-H

MISCELLANEOUS
Howard 80" rotovator
J D bar rake
Wetmore grinder
IH 12' disk
MF 3 bot plow
Oliver 6 bot plow

LOADERS
Case 1737
Case 1845 G
Case 580 w/hoe
Case 480 B
Uniloader Grapple
Uniloader Broom
Ford 3400 G
MF 30 D

FORAGE
Gehl 800 recutter
Gehl 600 harvester
Gehl 610 box
Gehl 910 box
Gehl 87 blower
J D 65 blower
N H 1880 SP
Grove box
IH #51 box

NEW IDEA
Manure Spreaders 212, 213, 214, 224
272 cut-ditioners
#7 corn picker
325/314 picker sheller
404 wheel rake
254 trail mower

UNI-SYSTEM
701 Power Unit
702G w/combine
729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

SALES & SERVICE

A.L. HERR & BRO.

case PARK AVE., QUARRYVILLE, PA. GEHL
Phone: 717-786-3521
NEW IDEA BUSH-HOG ONTARIO

FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
- Case 930 Tractor CK
- Case 430
- Case 350 Crawler Loader
- David Brown 990 w Loader
- JD 3020 w/Loader
- White 2 135 Tractor 150 Hours
- Oliver 88 Diesel

LOADERS
- Case 1537 Skid Loader
- Case 1830 Uni Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer

TILLAGE
- McConnell 12 Drag Harrow
- Case Disc Harrow 9
- Case 400 18 20" Auto Reset 4 Bot Plow
- MF 4 Bot Plow, Semi
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT
- Gehl 600 Harvester 2 Row Cornhead and Pickup Head
- NI Unisystem 701 Tractor
- NI Unisystem 705 Tractor
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1 Row Corn picker
- NI 310 1 Row Corn picker
- Int Mtd Picker, 2 Row
- MF No 61 1 Row Picker
- JD No 25 Harvester
- Case 300 Harvester
- Case V 12 Shredder
- Hesston 2000 100 Harvester
- NI Forage Blower
- MF Chopper
- MC Chopper

HAY EQUIPMENT
- Hesston 1014 12' & 14' Windrowers
- Hesston PT 10
- JD 4 Bar Rake
- New Idea Trailer Mower
- Mott Mower
- 3 pt Hookup Mower

MISCELLANEOUS
- Ford 4 Row Corn Planter
- JD 2 Row Planter
- JD 494 Corn Planter 4 row
- 10 Used Spreaders
- 3000 Gal Husky Tank Spreader
- NI 224 10 ton Spreader

NEW IDEA

Special On
1200 Bu
CORN
CRIBS
$775

case

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

FARM EQUIPMENT

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

PIPE

NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING — WELDING

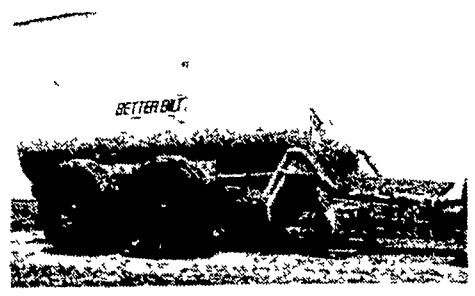
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

FARM EQUIPMENT

BRICKERVILLE EQUIPMENT

* SALES * SERVICE * PARTS

RD 1, Lititz, Pa., ½ mile East of Brickerville on Rt. 322 717-626-6198



SPECIAL PRICE ON
1100 thru 3150 Vacuum Units In Stock
(1) 3150 Auger-Matic
(1) 2100 Auger-Matic

USED EQUIPMENT
(1) 2100 Auger-Matic
(1) 800 Vacuun(SOLD)
(1) 1100 Vacuum
(1) 3 pt. 4 knife injector unit

BUY "BETTER BILT" EQUIPMENT
WHY? IT'S "BILT-BETTER"

CALL US FOR YOUR NEEDS OF
• Farrowing Crates • Lagoon Pumps • High Pressure Pumps

CALL FOR PRICE
We believe in being competitive.
Call and give us a try.

FARM EQUIPMENT

Nothing runs like a Deere

JOHN DEERE

THIS WEEK'S SPECIAL

NH 1469 Haybine
w/Ford Water Cooled Engine

USED FARM EQUIPMENT

JD 4020 WF
JD 4020 NF
Farmall M Tractor
Fox 2R Forage Harvester
JD 215 Grain Platform like new
NH 880 R2 Head
NH 880 W Pickup Head
243 & 244 Snapper Heads for JD Forage Harvesters Narrow & Wide row
NH Grain Dryer
JD 3300 Combine
Oliver Side Rake
JD 16A Flail Chopper
JD 336 Baler
Bale Wagon
JD 24T Baler w/#30 Ejector
IH Hay Crimper
Hesston 6400 Hydrostatic 12 Mower Conditioner w/Cab & Air
OMC 9 Mower Conditioner
Bradley Elevator
50 Bale Elevator
McCurdy Gravity Box w/JD running gear and flotation tires
JD 707 4 Row Rotary Mower
NH 469 Haybines
15 HP 3 phase elec Motor
JD 1240 Corn Planter
JD 494A Corn Planter
JD 381 Spin Spreader

NEW FARM EQUIPMENT

JD 4440 Tractor QR & SR
JD 2940 Tractor
JD 2640 Tractor
JD 1050 Tractor
JD 950 Tractor
JD 300 Husker
JD 1420 2R no till Planter
JD 1209 Mower Conditioner
NH 38 Flail Chopper
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
JD 45 2B Plow
NH 718 Fg Harvester
NH 892 Fg Harvester w/Metal Detector
JD 3960 Fg Harvester
JD 336 Baler
NH 310 315 & 320 Balers
JD 2420 Sp 12' Dsl Mower Conditioner
NH 489 & 495 Haybines
JD 210 215 & 235 Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer Loaders 310, 530 632 & 732
JD 381 & 392 Spin Spreaders
NH 358 Grinder Mixer
Glencoe Soil Savers
EZ Trail Wagons
EZ Flow Forage Boxes
Martin Manure Spreader V Type & Scavenger
JD 550 Sprayer
JD 335 Skid Sprayer
JD 66 Blower
JD 567 Wheel Rake
Most Model JD Loaders & Blades

FREE FINANCE on JD Tractors, Hay and Forage Equipment, also NH Hay and Forage Equipment.

CLUGSTON IMPLEMENT, inc.

1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat NEW HOLLAND

FARM EQUIPMENT

For Sale Rotary scythe, 9 ft AC 170 IH 10 drill 717 438 3115

Season's Greetings

May this holiday bestow on you an everlasting peace and happiness!

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

FARM EQUIPMENT

USED TRACTORS

JD 3020
JD 2020 w/ Loader
JD M w/Loader
Ford 8N
JD 4430 with Cab And Plow
Case 530 D w/ Loader
Farmall 200
Farmall 460 with Plow
Ferguson 20 with Snow Blade

USED EQUIPMENT

JD 216 Forage Wagon
Fox Forage Harvester with 3 Row Cornhead.
New Idea 705 uni-system with 3 row 30" head, and hay pickup

★ SPECIAL...SET OF JD 4240 - 18.4x38 DUALS!

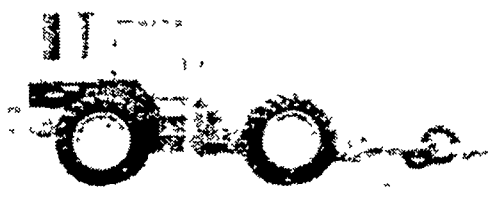
JOHN DEERE

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

KING
King Horse & Livestock Trailers!

WHITE Farm Equipment

MF Massey Ferguson



NEW COMBINES:

MF 750 Hydro w/cab, air & monitor
MF 750 w/cab, air & monitor (SPECIAL PRICE)
MF 540 w/cab, air
WHITE 9700 4 wheel Axial Flow w/all extras
WHITE 9700 2 wheel drive Axial Flow w/all extras
WHITE 7300 w/heater cab air long axel ext.

ALL DIESEL'S

NEW TRACTORS:

MF 4840 4/wheel drive w/all extras Draft Hitch & PTO (Special Price)
MF 285 w/MP With FREE Heathouser cab
MF 275 w/MP With FREE Heathouser cab
MF 245 w/MP With FREE Heathouser cab
MF 230 w/MP SPECIAL PRICE
SPECIAL PRICE ON HEAT HOUSERS FOR MF 1080 and MF 180 Tractors
MF 205 Diesel
WHITE 4-175 4 Wheel drive w/all extras
WHITE 2-45 4 Wheel drive Demo
WHITE 2-45 2 Wheel drive

USED COMBINES:

MF 760 (1978) V8 Dsl. w/hydro trans. Heater A/C Cab
MF 760 (1977) V6 Dsl. w/Hydro trans. A/C Cab
MF 760 (1978) Turbo 6 w/Hydro trans. A/C Cab Dsl.
MF 750 (1978) V6 Dsl. w/Hydro trans. A/C Cab
MF 510 w/cab 3 speed trans. Dsl.
OL 525 w/Cab
OL 525
JD 40 w/10 ft Grain Table
MM 3490 Grain Combine
MH 82 Grain Combine

USED TRACTORS:

IHC 1456 w/Cab (1971)
MF 135 Gas 308 Hrs.
OL 1550 Industrial loader tractor
JD 1020 w/Deere Loader
Leyland 154 w/250 Allied Loader (SPECIAL)
MF 205 Dsl. w/turf tires Woods Mower & 6 ft York Rake (SPECIAL)

Season's Greetings
FROM ALL OF US

GUS FARM EQUIPMENT, INC.

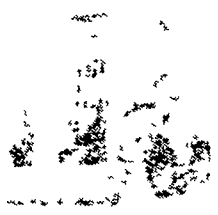
Intersection of Routes 616 & 214
Seven Valleys, PA
(717) 428-1967

master charge VISA

WHITE

New Idea, Gehl, Hesston, Brillion Dealers

ONE ONLY!



Hdyra-Mac Model 9C Series III hydrostatic gear drive, 30 h.p. diesel w/850x15 flotation tires, 52" manure fork bucket and utility bracket.

List Price $11,026. Straight Sale Price $8,995
f.o.b. Fontanna

SPECIAL PRICE ON NEW 801 UNI

New BerVac S876 8' 3 pt. Snow Blowers

J/D 3 pt. Log Splitters

BONUS ON New Hesston 1091 Windrowers in stock Also Bonus On New Hesston 6550 12' SP Windrowers

USED EQUIPMENT

Oliver 880 tractor
NI 214-217, 206 bu. Spreader w/pan, Good Condition
NI 214-217 206 bu. Spreader w/hyd. endgate and top btr
NI 218, 318 bu tandem spreader w/hyd. tail gate
NH 510 Single Btr Spreader, Very good condition
NI 213-215 3 btr spreader w/Gratz chain and hyd. tail gate, very nice condition
NI 213-215 176 bu 3 btr Spreader
Hawk Bilt 157 Tank Spreader, RH Delivery, only 2 yrs old
JD 24T Baler w/thrower
Wic Straw Chopper, 7 h p in stock, call for demonstration
Gehl 72B Flail Chopper w/new flail knives, good condition
Gehl 120 Hydraulic Mix-All, 1000 RPM's
NI 2R Narrow Corn Picker, Very Good Cond

THESE ARE THE ITEMS REMAINING IN OUR LARGE DUTCH AUCTION

The Prices will be lowered each business day until sold

ITEM DESCRIPTION	STARTING PRICE 7/5/80	DAILY REDUCTION	PRICE 12/20/80	PRICE 12/22/80
USED EQUIPMENT				
New Holland Blower Hopper	$450 00	$ 1 00	$307 00	$ 306 00
New Idea 318 Grinder	1450 00	3 00	1021 00	1018 00
New Holland 469 Windrower 9	1895 00	4 00	1323 00	1319 00

UMBERGER'S MILL

FEED - GRAIN - FARM EQUIPMENT

Dial 717 867-5161 or 717 867 2613 RD #4 (Fontana) - Box 545 LEBANON PA 17042

INTERNATIONAL® AGRICULTURAL EQUIPMENT

YEAR END MACHINERY CLEARANCE
NO REASONABLE OFFER REFUSED

USED TRACTORS

IH F806D w/2 pt (Recond)
IH F-544D w/3 pt WF
IH F-350 w/2 pt
IH F-300 w/2 pt
IH F-300
(4) IH F-M (Any Price Range)
IH F-H
(INTEREST FREE TILL 3-1-81)

USED TILLAGE

IH 540 4F 16" Semi
IH 531 3F 14" MT
IH 311 3F 14" 2 pt
IH 60 3F 14" Trail
IH 60 2F 16" Trail
MF 82 4F 14" 3 pt
MF 520 13 Ft. Trans Disk
Case 10Ft Trans Disk
JD 12 Ft Spring Tooth Harrow
IH 401 8 Ft Spring Tooth Harrow
MF 10 Ft Mt Disk

MANURE SPREADERS

NI 212 3 Beater
Starline 710 Tub
IH 155 185 Bu.

USED FORAGE EQUIP

IH 350 1R & Pickup Harv
NH 818 2R & Pickup Harv
IH 61 Forage Box w/Chassis
NH 7 Forage Box w/Chassis
Dion Forage Box w/Chassis
Van Dale w/Roof & Chassis
Grove 16 Ft. w/Chassis
(INTEREST FREE TILL 8-1-81)

USED HAY EQUIP

IH 46 Baler
IH 27 Baler w/thrower
IH 37 Baler w/thrower
IH 47 Baler w/thrower
IH 420 Baler w/thrower
IH 430 Baler w/thrower
Gehl 880 9 Ft Mower Cond
NH 461 9 Ft Mower Cond
NH 469 9 Ft. Mower Cond
NH 479 9 Ft. Mower Cond.
NI 290 9 Ft Mower Cond
Hess PT 10 9 Ft Mower Cond
IH 990 9 Ft Mower Cond
IH 15 Hay Rake
IH 120 7 Ft Mower

USED HARVESTING EQUIP

IH 234 w/Sheller
NI 6A 2R Picker
IH 1 Pr 1R Picker
MF 82 Combine (SP)
MF 92 Combine (SP)
IH 76 Combine (Pull)

USED PLANTING EQUIP

IH 400 4R Planter
IH 56 2R DD w/Insect
IH 456 4R Shoe w/Insect
JD 494A 4R DD (New Hoppers)
JD 494 4R Shoe
MM 4R Trailer
JD 17x7 Van Brunt Drill

NEW EQUIPMENT SPECIALS

IH 686D w/2 Valves . . . $15,900
IH 4130 Skid Loader w/2 Bkts (Demo) . $5995
IH 720 5F 18" Autom Cyl New Tires . $5650
IH 510 6F 16" Spring Tnp . $3695
IH 401 12 Ft Spring Tooth Harrow . . . $675
IH 540 Spreader (185 Bu). $2950
Glencoe Soil Finisher 20 Ft Wing . $11,000
Kewannee 36 Ft Elevator $1750
Kewanee 41 Ft 8" Auger PTO Elevator $1575

$5 OFF

PARTS, SERVICE, EQUIPMENT
$10 MINIMUM PURCHASE GOOD THRU 12-31-80

MIFFLINBURG FARM SUPPLY, INC.
East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114

FARM EQUIPMENT

1958 IH 1600 cab & chassis, good condition, very low mileage $2000 Harford Co 301 877 7452

Wanted - side dressers and 2 row crop planter to fit Farmall Super C with fast hitch 301 449-5463 after 6 p m

USED EQUIPMENT

JOHN DEERE

TRACTORS
- MF 25 D Tractor
- Oliver 1755 Diesel
- Oliver 1800 Diesel
- Ferg TO 20
- Ford 861 w/snowplow

COMBINES
- 1980 JD 6620 Sidehill Combine 484 hrs with 2 Heads
- 76 JD 6600 Diesel
- JD 55 Combine w/2 Heads

CORNHEADS
- JD 443 & 444

NEW EQUIPMENT IN STOCK
- JD 850 Tractor
- JD 2240 Tractor
- JD 2640 Tractor
- JD 4440 Tractor
- JD 444 & 643 Cor nheads
- JD 660 Rake

★ Lots More Call For Prices!

• We Accept Trades on Above Machines - w/waiver of interest where applicable

SPERRY NEW HOLLAND

DOLLAR DIVIDEND DAYS.....

NEW HOLLAND NEW EQUIP
- 1495 SP Haybine
- 256 & 258 Rakes
- 310 & 315 Balers w/Throwers
- 474 488 & 489 Haybines

★ Many More Items Call For Prices
★ Old Prices On Machiney In Stock

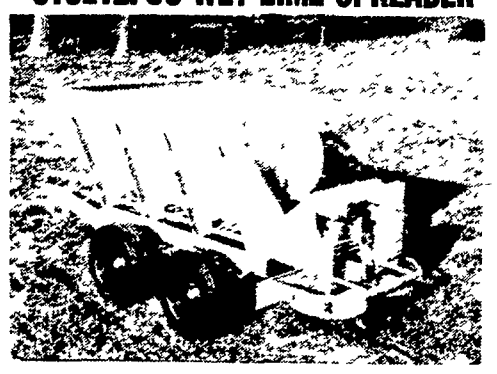
KERMIT K. KISTLER, INC.
Rt 143,
Lynnport, PA 18061
PH 215-298-2011

FARM EQUIPMENT

Welcoming A Chance to say thanks and to wish you a Very Merry Christmas & A Happy New Year.

MECKLEY'S GARAGE (717) 758-3915

STOLTZFUS WET LIME SPREADER



SAVE - Spread Your Own Lime
Less headaces - Spread it when YOU want it spread.

Will spread fertilizer, poultry wastes, etc.
Leaders in accurate spreading for ¼ of a century.
- Truck mounted or tractor drawn.
- Manufacturers of boom type for dry materials.
- Distributors for the famous Willmar line of quality spin spreaders, tenders, etc.
- We stock spreaders and parts.

C.U. STOLTZFUS MFG. INC.
Morgantown, PA 19543
Ph: 215-286-5146

Happy Holidays

BUY NOW! TAKE ADVANTAGE OF 10% INVESTMENT CREDIT

NEW EQUIPMENT:

Gehl CB700 Harvester, HD PTO drive, hydraulic deflector & manual cap, 11Lx15 8 ply tires, hydraulic cylinder, hydraulic knife sharpener, HA 1000 hay pickup head, TR 3038 corn head, freight & setup Waiver of Finance til 5/1/81 List Price $11,992,	Sale Price $7900
GEHL 100 Bushel Grinder Mixer setup & delivered	$5500
GEHL FB99 Forage Blower, HD 540 RPM PTO (Waiver Til 5/1/81)	$1980
GEHL 6 Ton Running Gear, wide rims, no tires, extendable hitch	$ 525
GEHL RB 1600 Round Baler, freight & setup	$8800
GEHL 54" Material Bucket for Skidsteer	$ 192
VICON Windrow Turner, regular $350	$ 250
1 Set McCurdy 18 4x38 snap on duals	$ 395
Pequea Tedder PTO Drive, List $1365	$1265
Lely 800 lb 3 pt Fertilizer Spreader	$ 895
Badger Forage Wagon, 16'x6' Sides, w/roof & roof protector, 10 ton tandem running gear, 10 00x15 tires, freight & set up included, List $6855	Now $5900
56 International Blower HD 540 PTO Freight & setup included $2145	Now $1860
20 Single Disc Openers for 510 or 5100 Drill	$ 995
4512 Vibra Shank Cultivator 12' Frt & setup	$1850
6010 Consertil Chisel Plow 10' Frt & setup	$3820
Badger 10 ton tandem axle running gear (Rear half only) (includes tires)	$ 700
Jacobsen Snow Burst Lightweight Blower	$ 299
80 Lawn Tractor	1979 price
2-1250 Cadets	1979 prices
4-1450 Cadets	1979 prices
Unicorn Log Splitter	$ 275
Gilson 5 HP Walk Behind Tiller	$ 695
Parker 36" Lawn Sweeper	$ 295
4 Jacobsen Lawn Mowers	1980 prices

USED EQUIPMENT:

7 HP Simplicity w/Mower & Snowthrower	Make an offer
Hahn Eclipse Mower	Make an offer
574 Tractor Gas, 3 pt , hitch	$5500
756 Diesel Tractor, wide front end, good rubber	$8000
45 John Deere Combine w/Cornhead	$4000
205 Combine w/2 Row Cornhead & 13' Platform	$8000
715 Combine, 4 Row Cornhead & 13' Platform	$17,500
Waiver of Finance on New & Used Combines Till 9/1/1981!!	
400 Cyclo 6 Row Planter	$4000
AC 6 Row Planter w/No Till	$3500
Waiver of Finance on New & Used Planters Till 4/1/81!!	
14' Folding Brillion Harrow	$1050
Pincor 15 KW Alternator	$1050
#5 Stalk Cutter	$ 750
GEHL Bale Carrier	$ 225
Bale Wagon w/running gear	$ 795
#10 Bale Thrower, excellent shape	$1000
FB88 Gehl Blower	$ 750
4 Used Mower Conditioners In Stock	
Ford Baler w/Thrower	Make an offer

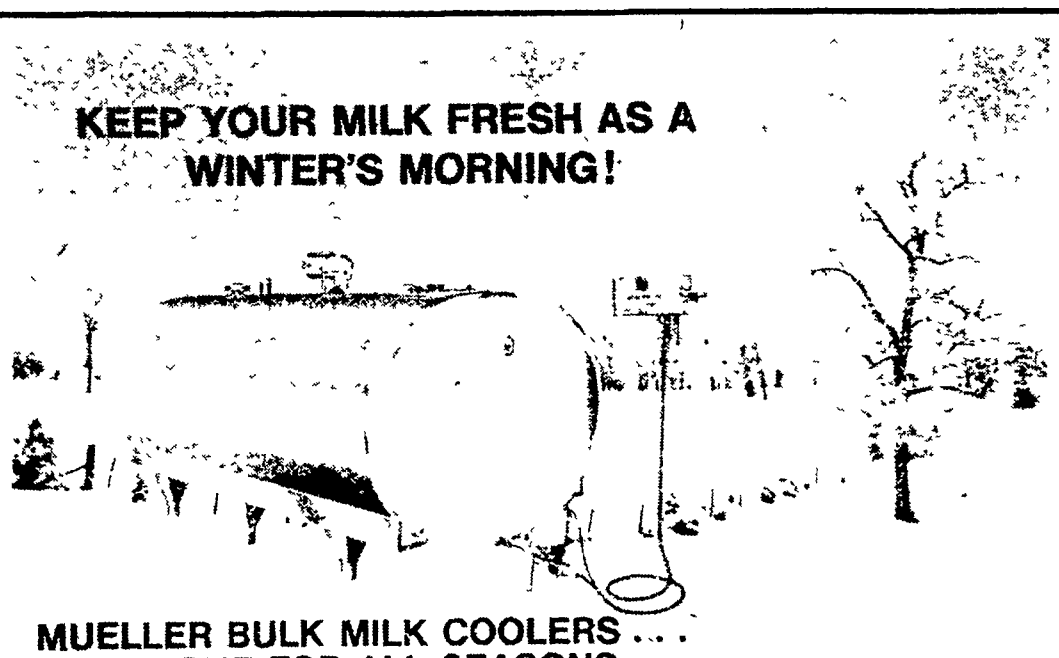
THERE IS WAIVER OF FINANCE ON MOST NEW & USED PIECES OF EQUIPMENT! ASK US FOR DETAILS!

INTERNATIONAL AGRICULTURAL EQUIPMENT

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt 147

• U P S Service Available

KEEP YOUR MILK FRESH AS A WINTER'S MORNING!



MUELLER BULK MILK COOLERS . . . THE ONE FOR ALL SEASONS.

For More Information, Contact your Mueller Dealer

SULT'S REFRIGERATION SERVICE

OFF RT. 340, 1 MILE EAST OF INTERCOURSE ON HATVILLE RD., RD 1, GORDONVILLE, PA 17529

★ **24 HOUR SERVICE**
★ **PH: 717-768-8555**

Clip This Coupon And Mail To
SULT'S REFRIGERATION SERVICE
RD 1, Gordonville, PA 17529
☐ Send More Info
☐ Have Representative Call

NAME _____
ADDRESS _____
CITY _____
STATE _____ ZIP _____
PHONE _____

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

TA UNITS GUARANTEED UP TO 2 YEARS.

Rebuilt TA assemblies available for all IH tractors, New and rebuilt water pumps Dynalife clutches and pressure plates for A, B, C through 1586, also for most models of IH combines

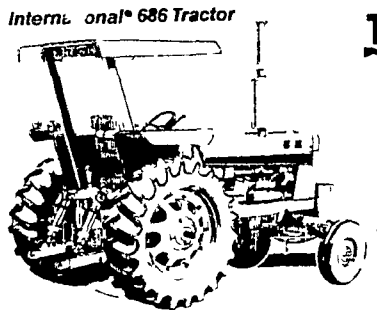
If you are operating a shop or are a farmer who does his own mechanical work, then you will do well to compare the parts which I have to offer. Complete TA assemblies for 706-1586 are priced from $525 and come with a Dana Co. Heavy Duty Sprag clutch instead of the usual IH sprag The Dana Sprag is guaranteed for 2 years against failure. Ramps and Carriers for older style TA units are priced $135 & $145 respectively, and carry a 90 day guarantee

We have most parts needed for TA repair in stock and are prepared to do complete installation at competitive prices.

Shop is also now available for engine overhauls and other major tractor repairs.
For a no obligation estimate or for information and references write or call me.

Dealer Inquiries Invited; Parts Shipped UPS, Bus or Air

J. EDWARD LEAMAN
RD #1, Box 474 Willow St., PA 17584
717-464-2874



TRACTOR SPECIALS

★ **686 DIESEL TRACTOR**
• 2 Valves (Demo)
$15,500

★ **1086 DIESEL TRACTOR**
• Red Power Demo. with 20.8x38 Tires, Cab & Air, Rental
$29,500

• No Trades Except Late Model IH Diesels

Call For Clearance Prices On This IH Equipment...

IH 1460 Axial Flow Combine w/6 Row Head (Used, Low Hours)
IH 843 Cornhead, 4 Row Narrow (Demo)
IH 810 15' Grain Platform (Demo)
IH 315 Packer Mulcher, 20' Folding (Demo)
IH 501 Disk harrow, 12'5" (New)
IH 735 6-Bottom Vari Width (Demo)
IH 6010 Consertil (1979 Price Plus IH Rebate - Demo)
IH 575 Manure Spreader With Hyd. End Gate (New)
IH 4586 With 24.5x32 Duals (New)
IH 4130 Skid Loader (Rental Unit)

Check These Prices...

Super Specials!

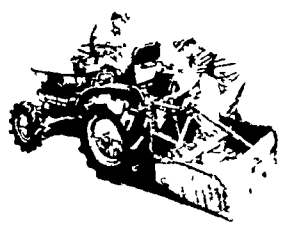
• All New Equipment (unless otherwise marked)
• All Prices FOB, New Berlinville...No Trades

Tye Pasture Pleaser (Rental Unit)	$3095
Poplarville Mainline 19' Folding Packer, Nodular Wheels	$3995
Woods RB850-1 Rear Blade, 3 Pt. Hitch (Weathered)	$795
Cordwood Model 101 Saw, 3 Pt. Hitch.	$825
8x16 Bale Wagon with Steel Bale Sides And 8-Ton Running Gear	$1200
John Blue 1000G Tractor With 1 Row Cultivator and Int. Cub Engine	$4295
Fahr KH500 Tedders	$2200

★ WAIVER OF FINANCE AVAILABLE ON MOST NEW & USED EQUIPMENT...CHECK FOR DETAILS!

SERVICE DEPT. SPECIAL
(December & January)

• 10% Off All Parts Used In Service Shop
• Free Pickup & Delivery On Jobs Over $1,000.



ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph: (215) 367-2169
Winter Hours: Daily 7-5:30; Sat 7-1

We're An IH Dealer!

---

case

New Idea 324 Corn Picker w/327 Husking Unit, fully equipped $8,000.00 Less Tires

New 323 Corn Pickers Less than $4000 Til Dec 31, 1980

JOHN DEERE 4230 Tractor, fully equipped $22,500
(2) New Idea 215 Manure Spreaders in Excellent "like new" Condition
Plus other size spreaders in stock at Good Prices

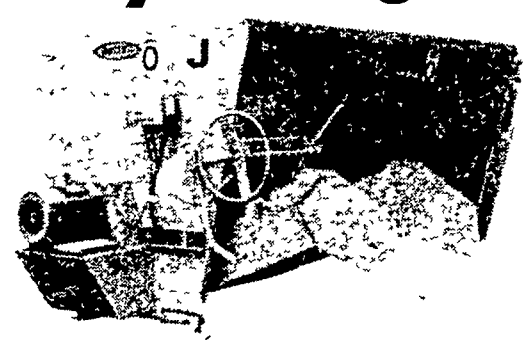
A Christmas Wish

May your Yuletide season ring out with chear. We hope you all enjoy it to the fullest. Have a merry

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

Make every bite right.

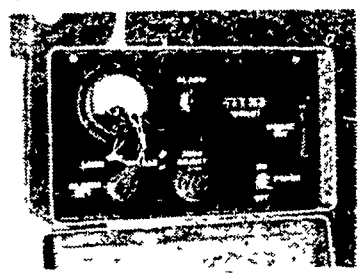
Combine Ensilmixer® feed mixer, with scales, and a Jamesway TMR system.



You can increase production Reduce feed costs And improve labor efficiency All when you use an Ensilmixer feed mixer, with scales, by Oswalt® to round out your Jamesway Total Mixed Ration (TMR) feeding system (including silage distributor unloaders, conveyors and cattle feeders) Or, use it with any mechanized feeding system Whether you prefer the stationary, trailer mounted or truck mounted model, it's a real profit building management tool

Unique mixing pattern blends feed thoroughly. Three augers move feed from front to back and side to side Reverse flighting at both ends lets feed fall freely for recirculation or discharge by the bottom auger Uniformly mixes even partial loads

Precisely weighs ingredients Accurate weighing means consistent, balanced rations, eliminates waste Lets you calculate the amount of feed needed and mix that much Weigh bar system is standard, electronic scales optional



That's why the Ensilmixer feed mixer, with scales, and TMR feeding system are right for you as well as your cattle And, can help make farming just a little bit better Ask your Jamesway Power Choring dealer

We Have Models In Stock - Available At:

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA
215-273-3131 — 273-3737

BUTLER JAMESWAY **Ensilmixer® feed mixer from JAMESWAY®**

The performance leader ... making the good life better

Ag-Industrial Equip. Co.

ALLIS-CHALMERS | SPERRY NEW HOLLAND | KUBOTA | NEW IDEA | Brillion | GREAT PLAINS | Vicon

COMING ---

NOTICE **TUESDAY, JAN. 27 - 10 A.M.**
THIRD ANNUAL PUBLIC AUCTION OF USED & NEW EQUIPMENT (BLIZZARD DATE JAN. 29)
Full Listing of Items in Future Issues NOTICE

HAY EQUIPMENT
(2) NH 320 w/thrower
NH 283 w/thrower
NH 282 w/thrower
(2) NH 273 w/thrower
NH 310 w/thrower
NH 269 w/motor
NH 479 & 495 Haybines
IH 5000 Windrower SP
(2) NI 279 cut/di tioners
(2) (3) NH 1010 Bale Wagon
NH 1034 Bale Wagon
JD 200 Stacker
JD Stack Mover
(3) Used Rakes

TILLAGE EQUIPMENT
14' Fold Offset Disc

PLANTERS
AC 600 no till 6R
AC 600 no till 4R
AC no-til 4R liquid
JD no till plate

TRACTORS
AC 7040 cab, PS
AC 7000 w/cab
AC 210 w/cab
AC 200 D w/cab
AC 160 Dsl
JD 3010 Dsl

AC LAWN TRACTORS
$100 above invoice buy now and save!

SPREADERS
NH 518
NH 365, 368 tank

HARVESTERS
NH 890, any heads available, Ex Cond
NH 1890 SP Hydro C A H Ex Cond
(2) NH 1880 SP Hydro

SKID STEER LOADERS
Case 1740 Dsl new engine
Case 1530 New engine
NH 425 rental
(1) (2) NH L 775
(1) NH L 35
NH L-775 Dsl

COMBINES
NH 995 late head 15' grain, 4 or 6 row
Gleaner F 13' grain 4RW
Gleaner G Die, 2 heads

MISCELLANEOUS
JD 116 A Flail Chop per
NH Hydrostatic Drive Trencher
JD Flail Mower

SPECIAL
NEW IDEA 116
SPIN SPREADER
List price $1250
SALE PRICE $700

Sales Department Call
Ed Greenleaf Chuck Huester
Bob Carroll Terry Greenleaf
Service. Call Peck Ramsay
Telegraph Road, Rt. 273 Rising Sun, Md.
301-658-5568 301-398-6132
215-869-3542
Immediate Financing
Hours: Mon thru Fri 8 to 8 Sat 8 to 4
CLOSED SUNDAY

Large Parts Inventory and Modern Shop Facilities with Factory trained Specialist to Serve You Better.

LONG

WENGER'S INC.

LONG

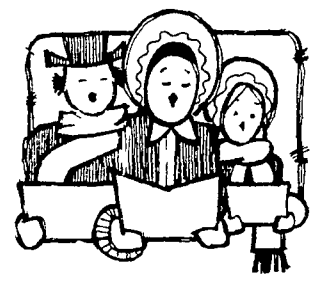
SOUTH RACE STREET
MYERSTOWN, PA 17067

DAYS: 717-866-2135

PHONE: NIGHTS: 717-866-7147 OR 717-273-9089

CONSIGNMENT AUCTION

THURSDAY FEB. 12
9:30 A.M.



SEASON'S GREETINGS FROM ALL OF US!

NEW YORK STORE PUBLIC AUCTION

16 TRACTORS & MACHINERY
SATURDAY, DEC. 27
10:00 A.M.
See Ad On Page D29

VERY REASONABLE PRICES—DEALERS WELCOME—
(ALL DIESEL WIDEFRONT UNLESS SPECIFIED OTHERWISE)

FARMALL
Super C . . . $1450
1066 - White Cab - Air $11,500
2404 w/Sickle Mower -Gas - P.S. - Nice $6000
Cub - Hyd - Yellow & White $2450
Hydro 70 - 1975 . . . . . $9500
826 hydro - nice $8250
100 Hydro - Cab - New Paint - New Tires - 1973 - $10,000

FORD
4000 - Try - Selectospeed $3250
9600 - DP - New Tires $9800
5200 . . . . . $5850
5200 w/cab $7500

CASE
1030CK. . . $5950
930 CK . . . $5950

JOHN DEERE
4430 - Cab - Air - Quad - Good . . . $17,500
1520 - Rollbar - Very Nice - Late Model $7500
(2) 820 - 2 Cyl Standards . . $2900 & $3300
3020 . . . . . $6000
4020 PS - Console . . . $9750
5020 . . . . . $8250
4020 Powershift. $8500

OLIVER
(2) 1755's CHOICE . . $6900
1850 w/Duals . . . $5250
1950 GM - Rollbar . . . $6950
White - 4-150 w/Cab Duals . . . $15,000
2655 - 4WD - 3 pt PTO - New Paint . . . $10,500
1850 - 4WD - Diesel - New Paint $7500
Oliver 1855 $6750

LONG
310 - New . $5900
560 - New Paint - Low Hours Nice. $5500
560DT - New. $8500
560DT - Spider $4900
610DT - New - $11,900
(2) 510 Crawlers - New $10,900
310C - New $6750
310 DT - New. $7950

MF
265 - 1975. $7750
1155 - New Paint - 1974 . . . . . $9500
1085 w/Cab - 1973. . . . $8750
1105 -w/duals - - 1973 . . . . $8750
1150 - New Paint $7500

ALLIS CHALMERS
185 w/Cab - $8500
D21 - Series 2 . . . $6950
160 - Nice . $4500
200 Nice . . $8500

FORKLIFTS
Ford 30' Diesel $12,500
JD 2010 . . . . $5950
Int 340 . . . . $4950
Yale 3000 Lb . . $3950

CRAWLERS
JD 450 6 way dozer $10,000
Cat 941 loader $15,000
Cat 933 loader $5750
Cat 933 Swamp loader $7750

(10) COMBINES CALL

LOTS OF DUALS (NEW & USED)

CHISEL PLOWS
Athens 13' pull . $1475
Kewanne 9' pull new. $1475
Athens 10' 3 pt new. $1375
Glenco 9' Soilsaver . . . $3400
(3) JD 3 pt vibra shank w/wings . . From $795

(4) BLOWERS - Call

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab & crane $17,500
(2) JD 310 . . . . $9500 & $10,500
Ware Hoe Attach. $2750

(5) SPREADERS - Call

DISC'S
Int 32 wheel . . $1600
Int 36 wheel . . $1600
(2) Int 40 wheel. $1600
Int 44 wheel . . . $1800
Int 36 w/wings . $3900
Int 36 w/wings . $4500
Int 44 w/wings . $4500
JD 28 wheel . . $1400
White 36 w/wings. . . . $3900
(3) Long Offsets $4000
Wilbeck Offset $4500
Bush-Hog w/wings new $6700
Int 1 Point FH $395

(3) BALERS - Call

(15) NEW & USED CABS - CALL

(8) CORNPICKERS & SHELLERS

(5) CORNPLANTERS - Call

SKIDDERS
Franklin 160B . . . $8750
Franklin 133B Pack N-Back . . $7750
JD 440B 1972 $9750

CARS & PICKUPS
1980 Buick Regal Limited
1980 Buick Regal Coupe
1980 Olds Cutlass Supreme Brougham (Diesel)
1980 Chevy LUV - 4WD Pickup
(3) 1980 Chevy Silverado Diesel Pickups
1977 Chrysler Cordoba
1964 Chevy Impala Convertible
1967 Ford Shelby GT500 - 4 Speed
1978 Lincoln Versailles (Needs Body Work)
1977 Cadillac Coupe Deville
1975 Jeep 4WD Pickup

PLOWS
Ford 2X 3 pt . . . $350
AC 2X Rollover - SC. $300
White 6x18 reset. $5000
Int 5x16 Reset $3250
IH 4x18 semi-reset $3500
(2) JD 4x16 pull . $595
JD 3x16 pull-trip $495
JD 4x16 semi mtd. $1150
JD 5x16 semi mtd. $1350
Case 4x16 semi mtd. $1150
JD 5x16 Pull. . . . $975
JD 5x semi mtd. $1350
(2) JD 4X pull - 14 $400
(40) 1X to fit small tractors

MISC. CONSTRUCTION
JD 350 Winch. . . $300
Int TD9 Winch. . $500
Davis DH5 trencher New Diesel . . $14,500
JD 420 winch . . . $600
New winch $1000
(6) Sweeper attach. From. $95
(40) Used hoe buckets . . . From $150
(25) Loader buckets . . . . From $95
New landscape boxes . . . From $425
(4) Set forklift forks . . . . . From $195
Sheepsfoot Roller $1750
Cat D2 Winch . . $650
JD 1010 Winch . $250
Air Compressor (Garage Type) - Like New 5 HP $1750
4 Cyl Detroit Diesel Powerunit $3250

ROLLBACKS
1979 Int 2500 Tandem 290 Cummings 1110 Trans- Double P.S New Jerr-Dan 26' Rollback Built Super Heavy $48,500
1975 Int 2050- Tandem-Cat 225 Diesel 10 speed R.R -New 26' Jerr-Dan Rollback Heavy Duty $23,750

DUMPS - CONSTRUCTION
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel Very Nice. . . $14,750
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel Very Nice. . . . $14,750

DUMPS - FARM
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel . . . $16,750
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent. $4500

TRAILERS
1969 Great Dane 35 ton detachable . $13,750
1977 Delta 44' drop deck w/beaver tail . $9,750
8 ton Lowboy w/ beaver tail . . . $2950
New HD10 2½ ton $1800
(3) New HSE14 4 ton . . . From $1450
New HSM14 6 ton $2100
New HSL14 6 ton $2450
(5) New HTR16 8 ton . . . . From $3250
New HTRB18 18 ton $5875
Wolverine 30' Gooseneck TRL - 12 Ton - Ramps Like New. . . . $6500

(25) CULTIVATORS - Call

(100) HARVESTER & HEADS - Call

MISC. MACHINERY
NI cut ditioner . $1775
NH 479 haybine $3500
NH 258 rake new. $1950
Lely 10' roterra $1450
(6) Snow plows . . From $195
New 300 gal pull sprayer . . $1000
Hesston 10 stacker $3500
Hesston 10W mower. . . . $750
10' Waldon blade . . . $3000
(5) Int side dresser attach From . $125
Int 13 drill $2000
MM E Sheller . $1850
NI Cutditioner $1150
Bush Hog 14' Mower . $1750
2x Potato Digger $350
Mc Rake $95
NI Rake - on Rubber $195
3 Pt Scraper Blade $160
3 Pt P T O Woodsaw Demo $825

TRACTORS - MECHANICS SPECIALS - (ALL RUN)

(2) Case 930 Diesel Standards - Need Engine Overhaul $2400
David Brown 990 - Needs Engine Overhaul - 1974 (Late Model) . . $3250
Farmall 560 Diesel - Nice Clean Tractor Bad TA - Head Gasket $3300
Farmall 560 Gas - Uses Oil - Looks Poor $2000
Farmall 460 Gas - Bad TA - WF $2000
(3) Farmall 450 - Gas & Diesel - Need General Work. . . . . $1500 to $2000
MF 1130 Diesel - New Paint - Everything Works Except Hydraulics . . . $6500
JD 70 Diesel w/3 Pt - Needs Starter . $1750
JD 720 Diesel - Needs General Work . $1750
(2) JD 730 Gas & Diesel - All Widefront Need General Work - From . . $2000
JD 4020 Diesel - Needs Transmission work $5800
Ford 8N - Needs General Work . . . $1250
Farmall 230 - Fast Hitch - Cracked Block $1275
Ford 6000 Diesel - Needs General Work $1900
Ford 800 Diesel - Needs Tires & Paint. $2200
Oliver 770 Diesel - Condition Unknown $1500
AC WD - Cracked Block $750
MM GTB - Diesel - Needs Paint $1350
Ford 8000 - Needs Paint & Minor Work. . . . $5700
Case 930CK - Needs Paint & Minor Work . . $3900
(3) Farmall 806 - High Clear - Poor Condition $4000
(2) Ford 9N - Fair $1000
Farmall 560D - Single Front Wheel - Transmission Noise. $2500
Farmall MD - $700 Just Spent On It $1500
Oliver 1800 4WD. $5550
Farmall 340 . . . . . $1500
JD 70 Gas. $1500
IH 656 D - Hydro - Hi-Utility. $3700
MF 65 Utility $1700
Farmall M. $800

WE WILL CONSIDER SELLING OFF MAJOR ITEMS LIKE ENGINES - TRANSMISSIONS - ETC. FROM MOST OF THE ABOVE TRACTORS

TRUCK TRACTORS (All Diesel)
1970 Dia Reo conv. screw . . $9500
1969 Dia Reo Sleeper screw. $3800
1968 F Mack Sleeper screw. . $2800
1976 Ford 700 Louisville single. $13,000
(2) 1974 Ford Louisville single. $10,500

LARGE SELECTION OF NEW IDEA UNI SYSTEMS & ATTACHMENTS - CALL

WE PURCHASED A SPECIAL DEAL ON 1000 TARPS (Various Sizes Up to 10'x20') OUR PRICES ARE GOOD - REAL GOOD

NEW SPECIALS GOOD PRICES

(Dealers Call For Good Wholesale Prices)

210 Bu (Small Grain) Gravity Bins $450
3 Pt - PTO - Woodsaws $875
3 Pt. Boom Poles . $60
4' - 5'6" - 6' - 7' Landscape boxes $425 - $450 - $475 - $500
7' 3 Pt Blades $245 - $475
8' 3 Pt. Blades . $495
1200 Bushel Speedy Corn Cribs . . $795
12" Post Hole Diggers $395
3 Pt 6'6" Disc's. . . $495 - $525
1x Plow - 3 Pt . . . $295
2x 3 Pt. Plow. . . $395
5 Ton Wagon - 6 Lug $395
8 Ton Wagon - Wide Rims & Adj. Tongue . . . $550
10 Ton Wagon - Wide Rims Adj Tongue $595
3 Pt Disc - Cat "0" $295
3 Pt 1x Cult - Cat "0" $95
3 Pt 1x Cult - Cat "1" $150 - $175

Large Selection Of

ERTL TOYS

(SOME COLLECTORS TOYS)
WE TRADE OLD TOYS

100 COMBINE CORN HEADS IN STOCK

SUPER GOOD DEALS ON NEW LONG TRACTORS & EQUIPMENT. WE CANNOT BE BEAT. LIMITED TIME ONLY CALL NOW!

NEW & USED TIRE CHAINS ALL SIZES

ON STOCK: 800 USED TRACTORS IN OUR SALVAGE YARD FOR PARTS —
Best Selection Anywhere

WANTED: USED TRACTORS FOR PARTS

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

WE ARE LOOKING

for an aggressive farm equipment sales person with van or pickup truck to work on a commission on all sales to farmers The territory includes Lancaster, Berks, Chester, Dauphin and York Co

With the right person, earnings in 6 months could easily exceed $15,000

Respond to
Lancaster Farming
P.O. Box 366 R-33
Lancaster Farming
Lititz. PA 17543

HI-PRESSURE
HYGRO-PUMP
Build your own washer with a Hygro 0 to 1200 PSI pump Pumps, nozzles, hand guns.
EECO, INC.
Harrisburg, Pa
17110
717-238-9423

A Christmas Wish

We sincerely wish all our generous patrons a wonderful Christmas! May it be filled with friends family, love and joy Thanks for always being there

COMBINES

JD 3300 Rotary Screen Cab, Air & 13' Platform with Pickup Reel
JD 4400 Gas w/cab, 13' Platform, & Pickup reel
JD 4400 Diesel, Cab, Air, Straw Chopper Choice of Heads.
Gleaner K w/cab & 12' platform
Late Model IH 715 w/cab, 13' Quick- Tach grain table, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

Ford 7600 Cab & Air 1100 hrs.
Allis Chalmers 7000 w/cab and air, power shift, 700 hours
AC 220 Dsl. w/Cab
AC 200 Dsl. w/Cab
AC 185, like new 400 hrs.
JD 4630 4 F(SOLD)ad
JD 4520 D Power Shift
JD 4320D w/Cab & Air
JD 4430 Cab, Air, Quad
JD 4430 4 Post RG, PS
JD 4430 Cab, Air Power Shift 1977 Model
JD 4230 Quad Range
(2) JD 4230, Cab, Air, Quad Range, Power Shift
JD 4030 4 Post RG, QR
JD 4020 D, Side Console w/Cab WF
JD 4020 Dsl. Power Shift & Synco Range
JD 4010 Dsl. WFE w/Cab
JD 2630 Dsl. Excellent
JD 3020 Dsl. WFE
JD 2030 Dsl. Utility
JD 2010, 1400 Hrs. Very Nice
IH 1466 Black Stripe, Cab & Air
IH 1468 Cab & Air
IH 1066 w/Cab
IH 574 w/2050 Loader
IH 856 D WF
IH 1256 Dsl. WF w/Cab Very Nice
IH 1256 D WF
IH 756D
IH 706 Dsl. 3 pt. WF

TRACTORS

IH 806 Dsl. WF 3 pt
MF 180D, WF
MF 1085 D WF
JD 50

BALERS

JD 336 w/Bale Chute, (New)
NH 268 w/Thrower
JD 346 Wire w/Thrower
NH 276 w/Thrower Very Nice

HAYBINES

NH 479, Like New
NH 489
NH 477
NH 467

DISCS

IH 37 8'
IH 46 11'
IH 500 12'
Bush Hog 146 Offset 11'
Proven Rock Discs
JD BWF 14'
JD Wingfold 16' 6" thru 19' 10"
Also JD AW 12' & 14'
JD RW 8'
JD BW 19'6" New Blades

PLOWS

IH 700 4 & 6 Btm.
IH 720 5 Btm.
IH 550 5 Btm.
JD 1450 5 & 6 Btm.
JD 145 3, 4, 5 & 6 Btm.
(3) JD Integral 3 Btm.
JD 2600 7 Base Spring Reset

1976 IH 1466D TRACTOR BLACK STRIPE
Cab, Air, Dual PTO & Hydraulic

MISCELLANEOUS EQUIPMENT

JD 48 Loader w/60" bucket
JD Late Model Hoe Drill 16x8 Fert. & Grass Seed
John Deere 300 Pull Type Picker
Cabs Fit 966, 1066, 1466
Gehl 72 Flail Harvester, Very Good
NI 299 Cut/ditioner, Like New
Cab To Fit Oliver 1850
Cab To Fit JD 3020 or 4020

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa 18049 215-965-5203

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Hollinger tractor co.

749 Rothsville Rd., Lititz, Pa. 17543

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Call
Larry Hollinger
or Lee Dull
HOME
(717) 949-3451

"We want your business And we'll do our best to serve you" says Larry Hollinger (left) and Lee Dull Lee is the latest member of the Hollinger team and well known in the construction business

CRAWLER LOADERS

Cat 951C w/ROPS	$17,500
955H Exc Shape, ready to go to work	$10,500
Cat 955 12A	as is $4,500
Cat 977H w/cab 90% under carriage	$16,500
AC HD 6G	$4,500
AC HD 7GB, 1972 model	$8,500
AC HD5	$3,500
JD 350C, Sharp!	$12,500
JD 450C w/Backhoe, Sharp	$18,500
HD6 Slant Hood	$6,500
1978 HD6 w/new undercarriage, exc	$9,500
Case 450, Sharp!	$8,500

DOZERS

AC 653 6 way angle dsl w/winch	$6,500
JD 350 straight blade	$5,500
JD 350B 6 way angle	$9,500
D6C w/cab, Sharp!	$32,500
HD 5 w/angle blade and winch good	$5500
Cat D7E cable blade	$18,500

BACKHOES

Bantam C-300 Crane	$8,500
Ford 3400	$4,250
Case 580	$6,000
Case 580 Dsl needs work	as is $4,550
Case 580B w/ROPS	$8,500
JD 310 w/ROPS, Sharp!	$11,500

TRAILERS

Fruehauf 25 Ton 5th wheel	$3,850
25 Ton Hyster tandem axle, Sharp!	$9,500
Smithco	$2,500
1979 Trailmobile 42' w/sliding tandems	$9,000
1978 CMI hyd folding gooseneck, 35 ton, like new	$20,000

AIR COMPRESSORS

Jaeger 125	$1,750
(2) Schram, Sharp! ready to go	ea $1,750

GRADERS

(2) Gradalls 2460 dsl U/D	ea. $5,500
AC-45 w/cab (diesel)	$6,500

TRUCKS

1966 International 2000 Dsl, full screw, conventional cab	$3,500
1975 Ford Tractor, Louisville Tandem Axle,	as is $10,500
1972 Ford L9000, Louisville, 238 Detroit, Ready To Go	$12,000
1969 Ford Dump, W/Air Sharp	$6,000
1969 Ford Dump	$4,500
1968 Ford Dump	$5,000

LOG SKIDDERS

Franklin Log Skidder	$8,500
Case 1816 Skid Loader	$3,500

RUBBER TIRED PAYLOADERS

560 Int w/cab, 6 yard machine	$45,000
Hough 90 w/cab articulate machine	$45,000
W5 Case	Make Offer
1979 Ford A62, Dsl, Articulating Machine, 850 hrs	$28,500
Hough 30	$6,500
Hough HM w/cab, new motor, good tires, ready to go to work	$6,500

MISCELLANEOUS

(2) Winch to put on truck tractor	Make Offer
Riding Sweeper	$950

Due To The Snowstorm... CASH AND CARRY DISCOUNT DAYS WILL CONTINUE THROUGH THURSDAY, DECEMBER 24!

See Last Week's Issue For Many Bargains

A JOYOUS CHRISTMAS

LET US NOT FORGET THE TRUE MEANING OF CHRISTMAS,
THE BIRTH OF CHRIST
THE LOVE HE HAD, TO DIE FOR OUR SINS.
MAY WE LET THAT LOVE SHINE FORTH THIS JOYOUS CHRISTMAS SEASON AND THROUGHOUT THE NEW YEAR.

case

BINKLEY & HURST BROS.

133 Rothsville Station Rd., Lititz, PA 17543
Ph: 717-626-4705
HOURS: Daily 7 A.M. to 5 P.M.; Tues. & Fri. til 9 P.M.; Sat. til 11:30 A.M.

FARM EQUIPMENT

For Sale 8'5" chrome pipe with elbow, $80, real good shape 215-445 [illegible]30

Case 1816 uni loader, NH trencher Model T330, automotive cooling, 212 JD garden tractor 215-932 9064

For Sale - JD 4020 diesel, power shift, side console, front and rear weights, 20' Taylorway wing disc 717 786 2534

FARM EQUIPMENT

For Sale New bale thrower wagons, flat bed wagons with 6, 8, 10 ton gears, also Zimmerman elevators 28, 32, 26, 40 ft lengths, Also plywood feed bins, will deliver and install, Stoltzfus Woodwork, Rd 2 Box 2280, Gap, PA 17527, 717 442 8972, 1 mile north of Gap along 897

FARM EQUIPMENT

For Sale
Farmall 200 w/fast hitch cultivators & new paint
Farmall Super C with mounted corn planter, cultivators
Farmall yellow/white cub w/hyd , fast hitch & 5' woods belley mower snowblade & cultivator like new
717 687-6553

FARM EQUIPMENT

For Sale 1456 IH, long axles with dual 18 4 and 38 tires & front weights 717-786 2534

For Sale - Two Brillion packer seeders, Both 10' one w/transport wheels Oliver 2 bottom radex 12" & 14" trailer plows NH 55 rake NI 752 crusher JD KBA disc - 20, 24 & 28, available w/transport 717 687-6553

FARM EQUIPMENT

For Sale - Custom Built double chain, wooden conveyors & tapered board feeders for cattle and hog feeding systems M Rissler, Stevens RD 1, Pa 215 267-2244

For Sale Chisholm Ryder snapbean harvesters with hydraulic dump wagons, reconditioned & painted 609-769 3183

FARM EQUIPMENT

New Tractor Sale - 35 h p $7000, 41 h p $7800, 48 h p $8400, 60 h p $9800, 90 h p - $13,200 All above have PS, live PTO, 3 pt For all your equipment needs call 717-548-2896 Lanc Co

Wanted- Wiconsin engine with reduction gear, running or for parts, 717 687 6553

FARM EQUIPMENT

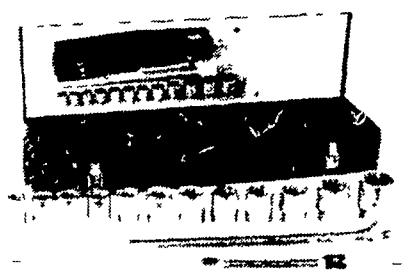
For Sale - NH Super 68 baler good for corn fodder, MC 7D-7 ft rotary scythe (sharp), Nicholson hay tedder, ground driven & PTO
717 687 6553

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394 3047 or 717-626-1164

PARTS VALUE OF THE MONTH

Christmas Bell Ringer Sale!

The most wanted gift



Save 42%

IH 15-Piece ¾" drive socket set

Finest quality Lifetime replacement warranty—if a tool breaks in normal use return it for free replacement Includes 12 sockets ⅞ to 1⅞' 8 extension 24" reversible ratchet sturdy metal box 999 478 R1

Regular* $175.00 — **SPECIAL $99.95** Savings $75 05

24 PIECE 3/8" DRIVE SOCKET SET
Save $10.05 Special **$24.95**

26 PC. 1/4" & 3/8" DRIVE SOCKET SET
Save $10.05
Special **$19.95**

14 PIECE 1/2" DRIVE SOCKET SET
Save $10.05
Special **$19.95**

25' EXTENSION CORD
Save 17% **$4.95**

LEVER ACTION GREASE GUN
Save 20% **$5.59**

12' POWER LOCK TAPE
Save 39% **$5.95**

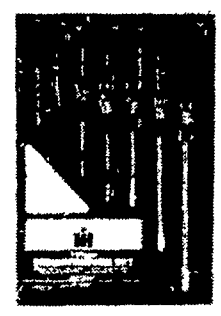
Save 44%

7-Piece screwdriver set

4 6', and 8" round blade screwdrivers No 1 and No 2 Phillips plus a stubby screwdriver and pocket screwdriver
999 355 R1

Regular* $19.65 — **SPECIAL $10.99** Savings $8.66

*Total individual piece price



10-amp battery charger
Excellent for home and farm
- Charges 6 and 12-volt batteries
- Charge indicator dial
- Color-coded clamps
- Part number 407 389 R92

Regular $48.95 — **SPECIAL $34.95** Savings $14.00

Additional Values On
- Stereo Radios
- Fire Extinguishers
- Economy Creeper

And Many Other Items... Shop & Save Now!

NEW International **Early Riser Planters**

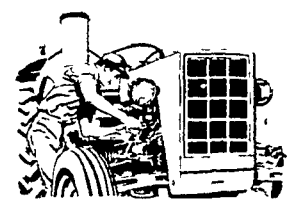
FASTER, EARLIER PLANTING– EARLY RISING CROPS.

The First Production Of The Early Riser Planters Has Arrived! See Them On Display Now We Are Taking Orders Now For 1981 Planters!

Introducing the International Early Riser Planters the planters for the 80's Early Riser Planters are designed to work through the toughest terrain To let you plow less, plant sooner Faster too — with simple hand adjustments that get you going in minutes No tools And the Early Riser Planters provide the best possible seed environment to start your crops out right

Choose from four to twelve row Early Riser sizes Cyclo Air or Plate models The Early Riser Planters

DECEMBER SERVICE SPECIAL



10% DISCOUNT
ON ALL IH PARTS INSTALLED BY OUR SERVICE DEPARTMENT
PLUS
FREE TRUCKING ON ALL SERVICE JOBS THAT TOTAL $1,000.00 or MORE

CALL DELMAR STAUFFER AT 717-933-4138 FOR AN APPOINTMENT
FINANCE PLANS ARE AVAILABLE.

Please Call Now While You And We Both Have The Time To Prepare Your Equipment Properly For Next Season.

INTERNATIONAL AGRICULTURAL EQUIPMENT
CERTIFIED SERVICE
This dealership's service department has qualified as an IH certified service center International Harvester Company

END OF YEAR TRACTOR SPECIAL PRICE!

- Demonstrator I 3588 2+2 4 Wheel Drive
- Waiver of Finance to March 1, 1981

USED EQUIPMENT

Pickers
IH 234
IH 2 ME
NI Super Sheller Attachment For 2 Row Pull Picker
NI 2-Row Mounted

Forage Equipment
IH 16 Harvester w/2 Heads
IH 720 Harvester
IH 650 Harvester w/2 heads
IH 550 Harvester w/2 Heads
IH 50 w/PTO Drive
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD Flail Chopper
AC 780 Harvester
Fox 546 Harvester
NH 717
NH 770 FH w. Cornhead
Gehl FB 82 Blower
IH 42 Blower
Kools Blower

Plows
Cub Fast Hitch Plow
IH 311 mtd
IH 550 5-Bottom
3F Trailing Plow
Fast Hitch 2 way
Ford 5F 18 '
JD 3 Furrow 16 Plow

Compact Skid Loaders
IH 4125
Case 1537
Hydra Mac
Bobcat 610

Tractors
Farmall M
IH F450 D
IH Hydro 84 D
F 504 Gas
AC D15 w. Loader
Ford 3000
IH TD8 Crawler
I544 Gas Hydro w Loader
F 1256 D
Satoh 650 G

Combines
IH 91
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 743 Corn Head
IH 843 Corn Head
IH 429 Corn Head on 403
MH 26
JD 45

Hay Machines
IH 47 w/thrower
IH 37 w/thrower
IH 241 Baler
IH 440 Baler w. Thrower
IH 10 Bale Thrower
IH Fast Hitch Mower
IH 115 Mower
IH 33 Hay Cond.
M C. Rotary Scythe
Woods 306 Mower
Kubota 60" Mower
AC 303 Baler
Myers Hay Crusher
NH 66 Baler w/Engine
NH 469 Haybine
IH 46 Baler
MF 128T Baler
NI Mower

Tillage
Howard S T 180 Rotovator
Dunham 15' Cultimulcher
JD KBA Disc
Lely Power Harrow
Niemeyer 80" Power Harrow
IH 350 Disk, 12 ft
Chattanooga 11 ft Packer

Planters & Drills
IH 56 4 Row
IH 455 Planter
IH 449 Planter
Oliver 4 Row
MF 4 Row
JD 290 2 Row Planter
Dearborn 13x7 Drill
Oliver Grain Drill
Ontario Drill

Miscellaneous
MF 7 HP Tractor w. Mower
Snow Blowers For Cadets
Sauder Loader
Tri Axle 10 Ton Trailer
IH 125 Cadet and Mower
NI Lime Spreader
IH 1000 Cab Cadet w. Mower
IH 175 Spreader
IH 550 Spreader
New Idea 214 Spreader
Little Giant Roll A Way Elevator

YOUR COMPLETE IH FARM EQUIPMENT DEALER

SWOPE & BASHORE, INC.

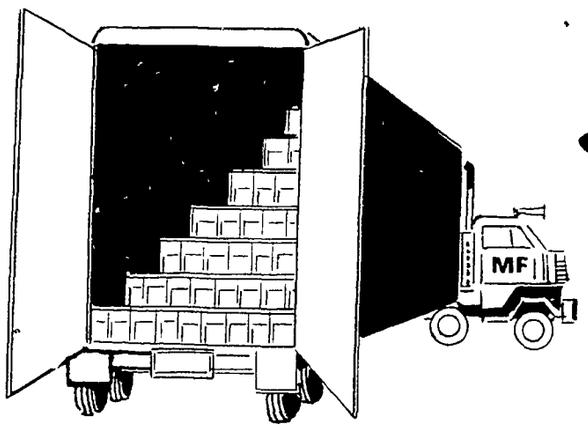
R.D. 1, MYERSTOWN, PA
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown
On Rt. 645 in Frystown
PHONE: 717-933-4138

INTERNATIONAL AGRICULTURAL EQUIPMENT

PARTS DEPT. HOURS
Mon.-Fri. 7 AM to 5 PM
Sat. til 11:30 AM
• UPS SERVICE AVAILABLE

MF Massey Ferguson

SALE OF GOOD USED FA AND DISCOUNT



Truckload Sale!

WE PURCHASED $833,500.00 of MF PARTS IN '80 SO WE COULD SUPPLY YOUR NEEDS. DURING THIS SALE WE ARE PLEASED TO PASS ON TO YOU THE SAVINGS REALIZED FROM THIS VOLUME PURCHASING.

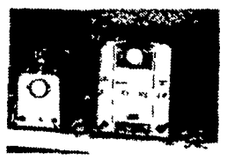
SPECIAL 2 DAY

WEDNESI

REPRESENTATIVES MANUFACTURE HAND TO DEMONS AND ANSWER

SELECTED PARTS SPECIALS

BATTERY CHARGERS

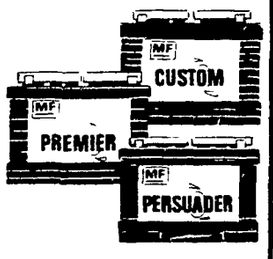


	List	Sale
20 Amp. Charger	$99.65	$79.43
6 Amp. Charger	$46.50	$37.09

BATTERIES

20% OFF

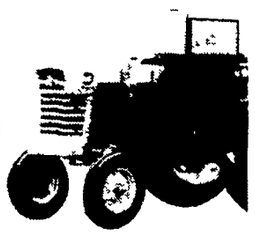
THE DEPENDABLE PERFORMERS



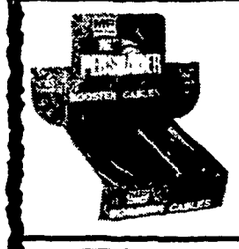
WEATHER GUARDS

Example:
Fits Tractor Models
255-265-275-285
List $159.95

SALE $116.00



While Supply Lasts
Other Models in Stock: 10% OFF LIST



PURSUADER BOOSTER CABLES
#20 030 A91, 250 AMP Clamp, 12 ft. Length, 6 gauge wire
List Price $8.30

SALE $6.40

ETHER

8 oz. can
List $1 60
SALE
$1.10

ENGINE BLOCK HEATERS

List $25.31
SALE
$20.65

10% OFF ON ALL OTHER PARTS
SOLD OVER COUNTER FROM DECEMBER 29 to JAN. 9, 1981
★ CASH & CARRY ★

VIBRATING "S" TINE TEETH AND SWEEPS

20% OFF LIST PRICES

PLOW PARTS

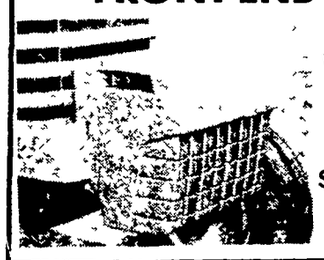
20% OFF LIST PRICE

TWISTED CHISEL POINTS

1903-863 M1 . . . . . 3x½x22" R H
1903-864 M1 . . . . . 3x½x22" L H
List Price $10.32

Sale Price $7.25

FRONT END WEIGHTS



Easy-to-mount weight frames add safety & stability
List $39.75

SALE $35.00
While They Last

NEW WAGON PARTS

5 Ton front axle	50.00
15 x 5 Wheels 4 lug	8.00
15 x 5 Wheels 6 lug	10.00
15 x 6 Wheels 6 lug	20.00
15 x 8 Wheel 6 lug	25.00
15 x 10 Wheels 6 lug	25.00
Regular Tongues	5.00-15.00
Adj Tongue	15.00-25.00
Rocking Bolster	5.00
Coupling Poles	15.00

CUTTER BAR PARTS

HART CARTER or MF FLOTATING CUTTER BARS

1053-209 M1 sections List $1 09 SALE 75¢
1053-174 M1 guard, List $8 53 SALE $5.87

MASSEY FERGUSON RIGID HEADERS

146503 M1 section, List $ 94 SALE 62¢
228392 M2 guard, List $6.90 SALE $4.59

CASH & CARRY

HYDRAULIC & TRANSMISSION OIL

BUY 1 CAN AT LIST PRICE GET SECOND CAN AT ½ PRICE

Gives peak performance at extreme pressures and high temperatures Made to meet MF engineering requirements

ENGINE OIL - SAE 10W-H.D.

Approved for Gasoline, Diesel and L.P.G. Engine

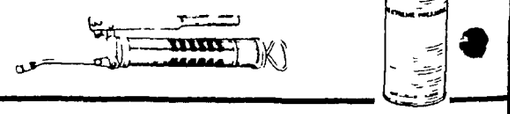
List 95¢ SALE 61¢ quart

QUAKER STATE MOTOR OIL

10% OFF REGULAR PRICE
★ Bring Your Own Containers - Get Bulk Price
"BUY QUALITY"

GREASE TUBE CARTRIDGE

List 80¢ SALE 65¢



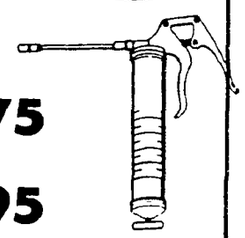
GREASE GUNS

LEVER ACTION

List $7.45 SALE $6.75

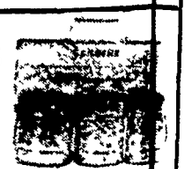
PISTOL ACTION

List $11.80 SALE $9.95



ALL FUEL, OIL & AIR FILTERS

BUY FILTER PACKAGE AT LIST PRICE, GET SECOND PACKAGE AT ½ PRICE



HYDRAULIC C

3"x8" . . . . . .
3½"x8" . . . . . .
4"x8" . . . . . .

- Hardened Rod
- Larger Tie Bolts
- Double base ports
- Pre-Stressed Tie Bolt material

HYDRUALIC JACKS

2 ton capacity
4 ton capacity
6 ton capacity
8 ton capacity
12 ton capacit
20 ton capacit

LINCH PINS

List 30¢ ea.
SALE
4 for $1.00

ALL

H
7,00
Li
SA
$3

MF FIRE EXTIN

ABC Chemical
2¾ lb. Capacity
List $19.35 SALE $17

5 lb. Capacity
List $26.95 SALE $24

10 lb. Capacity
List $46.90 SALE $44

MF Massey Ferguson

M. M. WEAVER & SO

LEOLA, PENNA. 17540
PHONE: 717-656-2321

Located. 4 miles west of New H one-half miles northeast of Le Road, one mile on the right, o Church.

OOD USED FARM EQUIPMENT ND DISCOUNTS ON NEW!!

Winter Hours:
Daily
7 A.M. to 5 P.M.

DECEMBER 29 THRU JANUARY 9th

B33,500.00
'80 SO WE
OUR NEEDS.
LE WE ARE
SS ON TO
VINGS
OM THIS
HASING.

SPECIAL 2 DAY

OPEN HOUSE

WEDNESDAY, JANUARY 7 & THURSDAY, JANUARY 8

REPRESENTATIVES FROM VARIOUS MANUFACTURERS WILL BE ON HAND TO DEMONSTRATE PRODUCTS AND ANSWER QUESTIONS

JOIN US DURING OUR OPEN HOUSE FOR FUN AND FELLOWSHIP

Lunch Will Be Served
During The Two Day Open House

PRESSURE WASHER DEMONSTRATIONS

& CARRY

TRANSMISSION OIL

Y 1 CAN AT LIST PRICE
ET SECOND CAN AT
½ PRICE

peak performance at extreme
es and high temperatures Made to
F engineering requirements

: OIL - SAE 10W-H.D.
ed for Gasoline, Diesel ar
L.P.G. Engine
SALE 61¢ quart

10% OFF
REGULAR PRICE
★ Bring Your Own Containers - Get Bulk Price
"BUY QUALITY"

SE
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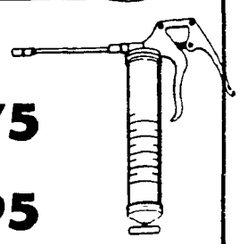
JNS
ON
6.75
ON
9.95



IR FILTERS
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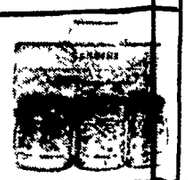
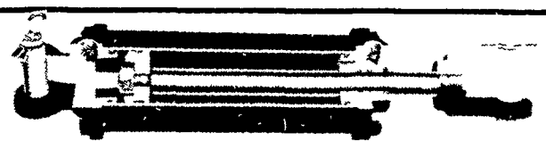
RICE





HYDRAULIC CYLINDERS

	Reg.	Sale Price
3"x8"	$80.40	$61.71
3½"x8"	$99.40	$74.91
4"x8"	$116.00	$94.37

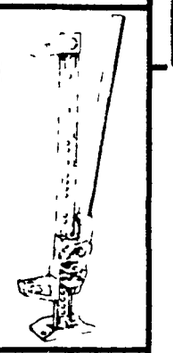
- Hardened Rod
- Larger Tie Bolts
- Double base ports
- Pre-Stressed Tie Bolt material
- Hardened pins & bushings
- Stronger rolled threads on the bolts
- Harder "O" Ring (90 Durometer) with poly-urethane back up seals

HYDRUALIC JACKS

	List	Sale
2 ton capacity	$13.35	$12.35
4 ton capacity	18.60	16.63
6 ton capacity	25.95	23.13
8 ton capacity	35.00	29.63
12 ton capacity	40.15	34.32
20 ton capacity	79.33	68.75

LINCH PINS
List 30¢ ea.
SALE
4 for $1.00

ALL PURPOSE JACK
(Same As Handyman)
7,000 lb. Capacity
List $41.20
SALE PRICE
$35.00

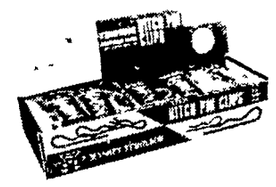


MF FIRE EXTINQUISHERS

ABC Chemical
2¾ lb. Capacity
List $19.35 SALE $17.40
5 lb. Capacity
List $26.95 SALE $24.24
10 lb. Capacity
List $46.90 SALE $44.60

COTTER PIN ASSORTMENT
List $3.99
SALE $2.99

SPRING PIN ASSORTMENT
List $7.52
SALE $6.95



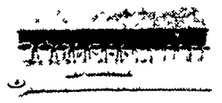
HITCHPIN CLIP ASSORTMENT
List $3.79
SALE $2.95

MF 7-PIECE SCREWDRIVER SET

List $15.99
SALE $8.76

1902 474 M91
MF 14 PIECE COMBINATION WRENCH SET
List $85.00
SALE $63.75

1903 G71 M91
MF 14 PIECE ½" DRIVE SOCKET SET
List $45.95
SALE $39.31



1903 670 M91
MF 15 PIECE ¾" DRIVE SOCKET SET
List $111.95
SALE $95.95

HYDRAULIC HOSE
You Break It...We'll Make It
Hydraulic Hose for practically any application, for most any machine

Come to the hydraulic hose center We have the equipment bulk hose and a full line of fittings We can furnish replacement or custom hose in just minutes for almost any hydraulic hose assembly

YOUR HOSE CENTER For Dependable Service

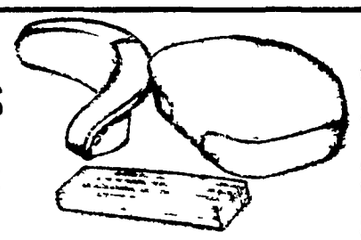
3/8" HOSE Reg $1.60 SALE $1.43 per ft
1/2" HOSE Reg. $1.80 SALE $1.66 per ft
★ Plus Fittings ★

ROLLER CHAIN

Shot-peened parts, solid rollers, factory pre-stitched, vacuum pre-lubrication This chain is made of special bushings and pins, and offers tremendous RPM & fatigue resistance

#40 List $1 65 SALE $1.48 per ft
#50 List $2 27 SALE $2.04 per ft
#60 List $3 22 SALE $2.90 per ft

SEAT APPLICATIONS FOR MF AG TRACTORS



TRACTOR MODELS 165 - 175 - 180:
Seat Cushion 30088E91 List $17 18 SALE $15.39
Seat Back 30087E91 List $14 33 SALE $12.89
TRACTOR MODELS 1100 - 1300:
Seat Cushion 30084E91 List $30.57 SALE $27.51
Seat Back 30085E91 List $32 20 SALE $28.98

HAND CLEANER

1 lb. . List $1.45 SALE $1.15
4½ lb. List $5.90 SALE $4.75

PAINT

	List	SALE
Red or gray spray can	$2 75	$1.95
Red or gray 1 qt can	$6 90	$5.75
Red 1 gallon can	$20 65	$17.13

MF PRESSURE WASHERS

	List	
Model MF 7550	$501	20%
Model MF 7650	$667	OFF
Model MF 7700	$876	
Model MF 7750	$1220	LIST
Mode MF 8110	$1713	

PURCHASE OVER $300 WORTH OF MF BELTS AND GET A 20% DISCOUNT

Vacuum Operated FUEL TRANSFER PUMP

15 GPM
List Price $
Shipped with hose nozzle and all lines complete
SALE $195.00

M. WEAVER & SONS, INC.

LEOLA, PENNA. 17540
PHONE: 717-656-2321

Located. 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

FOR MORE SPECIALS, TURN THE PAGE ►

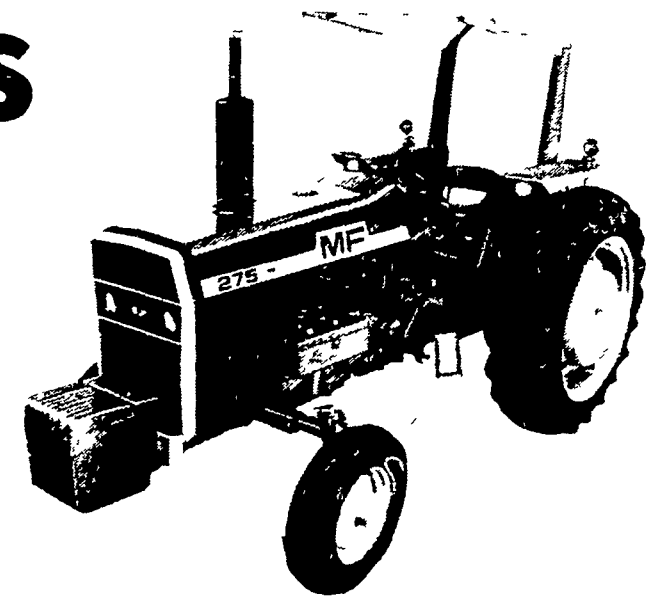
SALE

OF GOOD USED FARM EQUIPMENT & DISCOUNTS ON NEW!

DEC. 29 THRU JAN. 9th

EARLY BUYER BONUS

$350 CASH REBATE PLUS **WAIVER** of Finance Charges Until March 1, 1981



MF Massey Ferguson

Don't wait to buy an MF 34-81 hp tractor!

TAX TIP:
Purchase your new equipment before January 1, 1981 and take advantage of big tax savings.

USED COMBINES

MF 760, 6 Cyl , 4 Sp with Grain Table	$25,500 00
MF 760, 6 Cyl ,4 Sp with Grain Table	19,500 00
MF 750, Turbo, Hydro with Grain Table	28,000 00
MF 750, 372, 4 Sp with Grain Table	24,500 00
MF 510, Diesel, Cab with Grain Table	13,500 00
MF 510, Diesel, Cab with Grain Table	12,500 00
MF 410, Diesel, Cab with Grain Table	11,000 00
MF 410, Diesel, Less Cab with Grain Table	5,800 00
MF 300, Gas, Cab with Grain & 2 Row Corn Head	9,000 00
MF 300, Gas, Cab with Grain & 2 Row Corn Head	8,500 00
JD 4400, Gas, Cab with Grain & 4-30 Corn Head	15,900 00
IH 315, Gas, Cab with Grain & 2-38 Corn head	7,900 00
IH 303, Gas, Less Cab with Grain Head	1,790.00
IH 303, Gas, Less Cab with Grain & Corn Head	3,900 00
IH 141, Gas with Grain Table	2,000.00
AC CII, Gas, Cab with Grain & 4-38 Corn Head	5,900.00

NEW & DEMO TILLAGE

MF 43 3 14 Plow, New $1575 00	$1,260 00
MF 43 2-14 Plow, New $1333 00	1,060 00
MF 620 12' Disc Harrow, New $4790 00	3,640 00
Thrifty 1 Row 3 pt Cultivator	95 00
Dunham 8 Tooth Chisel Plow, New $1882 00	1,575 00
Dunham 11' Cultipacker, New $1,192 00	1,080 00
Dunham 4 Row 38" Cultivator, New $1500 60	1,350 00
Pittsburg 2 Row Cultivtor, New $520 00	470 00
MF 730 10' Offset Disc Harrow, New $6763 07	5,393.00
Yetter's 15' Rotary Hoe	1,850.00
MF 129 8 Tooth Chisel Plow, Demo	$1,375 00
Glencoe Soil Saver Chisel Plow	4,700 00
MF 880 6 Btm. Plow, Reset	5,943 00

NEW & USED HAY & FORAGE

MF 560 Round Baler	$4,700 00
Brady 722 Stalk Chopper	1,500 00
MF 37 5 Bar Hay Rake	1,400 00
Fahr 4 Wheel Hay Tedder	1,175 00
New Holland 271 Baler w/Thrower	975 00
MF 12 Baler	875 00
Fella 4 Wheel Hay Tedder	1,420 00
Farmhand 81 Grinder Mixer	875 00
MF 260 2 Row Forage Harvester	3,100 00
Fox 2000 2 Row Forage Harvester w/Hay Pick up	1,000 00
Gehl Forage Wagon	900 00
IH 350 Forage Harvestor, 1 Row	275 00
MF 33 Grain Drill, 17 run, New Price $4295 00	3,579 00
MF 468 6 Row Corn Planter, No Fert , New Price $3511 00	2,588 00
Farmhand 817 Grinder Mixer New Price $5938 00	4,927.00
MF 1050 Grinder Mixer New Price $6520 00	5,236 00
MF 22 Bale Thrower Attachment New Price $1680 00	1,391 00
IH 530 Spreader w/Liquid End Gate	1,980 00
Brady Spreader, As Is	50 00
Century Pull Type Sprayer, 12 Row	975 00
NI 315 2 Row Picker, 8 Roll	3,500 00
NI 319 Mt Picker Sheller	1,800 00

USED TILLAGE

Brillion 10 Tooth Chisel Plow	$1,100.00
IH 55 Tooth Chisel Plow	850.00
John Deere 3 pt 3 16" Plow, Hyd Reset	1,400.00
MM 6 16" Semi Mt Plow, Hyd Reset	2,350.00
MF 880 4-16 Semi Plow, Hyd Reset	1,900.00
Ford 3 Pt 2 14" Plow	250.00
Ford 3 pt 4 Btm Plow	925.00
Oliver 3-16" Plow, Cat II, Cushion Trip	720.00
MF 74 3 Btm Plow	375.00
IH 48 Wing Disc Harrow, 68 Discs, As Is	1,400 00

USED TRACTORS

MF 2805 Cab, 24 Speed, 190 hp	$25,500 00
MF 2775, Cab, 24 Speed, 160 hp	29,000 00
MF 2745, Cab, 24 Speed, 140 hp	28,500 00
MF 1155, No Cab, 8 Speed, 140 hp	11,000 00
MF 1135, No Cab, Multi Power, 120 hp	9,000 00
MF 1135, Cab, 8 Speed, 120 hp	11,700 00
MF 245, No Cab, 8 Speed, 42 hp	8,600 00
MF 178, New Tires, Multi Power, 67 hp	4,800.00
MF 178, Multi Power, 67 hp	4,900 00
MF Super 90, Rebuilt Engine, 68 hp	3,500 00
MF 50 gas, Rebuilt Engine, 38 hp	2,750 00
MF 65 gas Hi Clearance, 48 hp	2,400 00
Case 1370, Cab, 1480 hrs	14,000 00
AC 190XT Puller Tractor	6,750.00
Farmall 504 Diesel, 3 Point Hitch	2,900.00
Farmall "M"	1,000 00
Farmall "M" Diesel	1,500 00
IH 107 Cub Cadet Mower	800 00

MISCELLANEOUS

MF 236 Loader to Fit 255 New $3032 00	$2,441 00
MF 246 Loader to Fit 1100	1,100 00
MF 226 Scraper Blade, New $498 67	408 00
York 40 Scraper 6 New	230 00
York 40 Scraper 7 , New	250 00
York 55 Scraper 8 , New	465 00
York 75 Scraper 8 New	740 00
York 8 Lawn Rake, New	760 00
MF 86 12 Ton Gear, Less Tires	1,150 00
MF 65 5th Wheel Wagon	270 00
71C Skid Steer Loader Rental	8,100 00
81 Diesel Skid Steer Loader Rental	9,100 00
EZ 872 8 Ton Gear w/11L Tires New $985 00	840 00
EZ 300 220 Bu Gravity Box New $1080 00	900 00
EZ 1074 10 Ton Gear w/12 5L Tires New $1235 00	1,050 00
Fontana Farm Loader For 285	1,200 00

MF CERTIFIED SERVICE

Farm Equipment does not break down when You Are not using it...But that's the best time to repair it!

MF MASTER CS CERTIFIED SERVICE

SCHEDULE YOUR OVER HAUL DURING SALE DAYS & GET A 10% CASH DISCOUNT ON PARTS

MF SERVICE - Because you deserve the very best.

As you know, all machines break down at some time And it usually happens when you can least afford the time But when you call us, help is on the way in no time Because we make sure you get the service you need when you need it Our mechanics and service personnel are specially trained to locate mechanical problems fast and go straight to the solution

And they stay up to the minute on the latest machinery technology too That means we'll have you back at the wheel and rolling again in no time

You've got what it takes with Massey Ferguson

MF Massey Ferguson

M. M. WEAVER & SONS, INC.

LEOLA, PENNA. 17540

PHONE: 717-656-2321

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

GOOD USED EQUIPMENT

Oliver 1800 diesel, clean, WFE, equipped w/hydro shift
IHC model 350 trailing disc harrow 11'6" good cond.
Leyland model 2100, 100 hp. w/16.9x34 dual wheels 1400 hrs. w/cab, clean
IH 990 7 ft. mower conditioner
Used NI #279 cutditioner, like new
IH 674 gas utility w/620 hrs.

★★★★★★★★★★★★★☆
★ Just Arrived ★
★ 786 tractor ★
★ 800 early riser corn planter ★
★★★★★★★★★★★★★★

SEASON'S GREETINGS

NEW IDEA FARM EQUIPMENT

L.L. ECKROTH FARM EQUIPMENT, INC.
Rd 2, New Ringgold, PA
717-943-2367

FARM EQUIPMENT

PUMPS MOTORS HOSES FITTINGS VALVES CYLINDERS

HYDRAULIC & AIR SUPPLIES

10% OFF on complete Inventory
DECEMBER 15 - 31

Used 5 HP. Ingersoll Rand air compressors
Rebuilt $495.00

Ask about our 12 volt automatic ventilation controls for Hog and Chicken Houses at prices you can afford.

6 - 9-12 GPM Bosch gear pumps.
Ideal for log splitters etc.
New $75.00

BEILER HYDRA-MATICS
Rd 3, New Holland, PA 17557
717-656-7273
Sales - Service - Installations

FARM EQUIPMENT

Season's Greetings

USED IH TRACTORS

F300G $2400
1974 140G $1800
1971 140G $4400
284 G w/ldr $7000
444 G $4000
454G $5500
464G $6200
544 G Hydro $5500
674D $8400
656G $5500
656D w/yr round cab $9500
656D hydro $7250
1568 D w/C Cab $18,750
Oliver S77 $950
Oliver 88 $1400
AC 7040 w/AC cab $15,700
Yanmar 155D $3800
Big roll 241 baler $3800
3 bale big roll carrier $2400

BIGGS, INC.
Rising Sun, MD
301-658-5531

Seasons Greetings

FROM

FORRESTER FARMS
1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

LONG

New Long 510DT	JD & Ford weights
New Long 360	Roadless 95 4WD
New Long 310	Int 666
Ford 9600	Int 656
2 Ford 9000	Int 574 1w/hydro
Ford 8700	Int 544 $3400
Ford 8600	Heat Houser for 656
Ford 8000	JD 4230
4 Ford 5000	Used JD 4020 cabs
Ford 4500 backhoe	5 JD 4020
2 Ford 4000, 1 w/loader	JD 4000
Ford 4000 S U	JD 3120
D2 Cat Crawler	6 JD 2129, 1 w/145 loader
Airborn Woods saw	2 JD 2030 1
Ford 3000	3 JD 2020
Ford 2000	Used JD cabs for 1020 2020 2030
Ford 2 btm 101 plow	5 JD 1120
Ford F100 Pickup '73	D2 Cat crawler
Ford Jubilee	Airborn Woods saw
Ford 8N	

¼ Mile East of Exit 6 I-81

MESSICK FARM EQUIPMENT

TIME IS RUNNING OUT!

ONLY 7 BUYING DAYS LEFT TO TAKE ADVANTAGE OF YEAR END TAX INVESTMENT CREDIT PLUS WAIVER OF INTEREST or CASH BONUS

WE HAVE A GOOD INVENTORY OF NEW EQUIPMENT TO CHOOSE FROM

WE'RE $ HAVING

Dollar Dividend Days
FORAGE & BALERS
HAYTOOLS & COMBINES

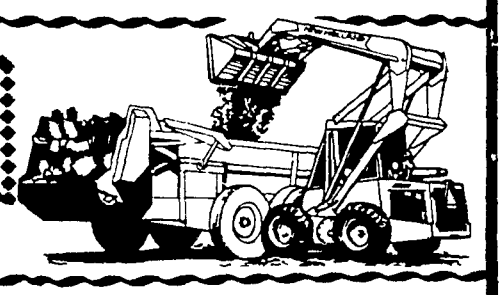
FACTORY REBATES UP TO $2500

OUR BIG NEW HOLLAND 10 TON SPREADER
Model 79
THE STRONG-BOXES
Built Extra Rugged For Extra Dependability.

CHECK OUR SPECIALS ON SKID LOADERS

SIX MODELS TO CHOOSE FROM:
22 HP to 62 HP, Gas or Diesel

RENT A LOADER BY THE DAY OR MONTH



GOOD USED EQUIPMENT — IN STOCK - READY TO GO

IH 84 Hydro Tractor
IH 856 D Tractor
IH 966 Tractor, excellent
Farmall Super C, fast hitch
Farmall Cub w/Mower
Ford 8N Tractor
Allis Chalmers B w/Snow Blade
MF 3 Bottom 3 pt Hitch Plow
IH 4 Row Fast Hitch Cultivator
NH 510 Spreader & Hyd Gate
NH 477 Haybine, 7 ft Cut
NI 10 ft Lime Drill
NH 675 Spreader w/gate, tandem axle
IH 550 Harvester
John Deere 10 ft Transport Harrow
Walsh 300 Gal Trailer Sprayer
Int 531 5 Bottom Plow (Used) NH 2 Row Snapper Head
Oliver 3 Bottom 16" Plow
2 - Used Myers Snow Blades to Fit Tractors or Trucks
NH 516 Spreader
Woods 84 Rotary Cutter
NH 354 Grinder Mixer, Excellent

WAIVER OF FINANCE ON HAY EQUIPMENT Till 6/1/81 & FORAGE EQUIPMENT Till 8/1/81

NH 1890 Self Propelled Harvester, 3 Row New Style Head, Pickup Attachment
NH 845 Round Baler w/Hyd tie
NH 320 Baler w/Thrower
AC Model B Tractor
IH 37 Baler & Thrower
Oliver Baler Model 520
NH 479 Haybine
NH 1469 Self Propelled Haybine
NH 469 Haybine
IH 650 Harvester 2 Row & Pickup
JD 66 Blower
NH Super 717 Forage Harvester w/1 row or 2 row corn head

MESSICK FARM EQUIPMENT, INC.
RHEEMS EXIT - RT. 283 ELIZABETHTOWN, PA.
PHONE: 717-367-1319 — 653-8867
WARREN SPICKLER HOME 653-4560 RAYMOND MILLER — HOME 653-8762

NEW HOLLAND

★ YOUR FULL SERVICE DEALER ★

FOR SALE
USED TRACTORS & EQUIPMENT

AC CA, WD, WD45, D10, D12, D15, D17's, D19, 160, 170, 175, 185, 190XT series III, 200, 7000; 7030, cab, air, duals, very good
Ford 8N, 9N, 640, 801, 2000, 3000, 5000, 7000
MF 35, 165, 44
Case 430's, 2470 4 wheel drive, PTO, 3 pt
JD 4320, 4020, 3020's, 730, 66, 2840
IHC cubs, M, Super M, 230, 400, 460, 560, 504, 544, 574, 656, 666, 674, 856, Super A w/equipment
New & Used 1 & 2 row corn pickers
New & Used 3 pt snow blowers
Large selection of double ring tractor tire chains, car & truck chains
30 used snow plows for tractors, loaders & trucks
10 used manure spreaders, PTO, tank, ground drive, 2000 gal liquid
AC 2600 series foldup 24' offset transport disc
Used 8' Brillion cultipacker seeder
3 NI 95 bu ground drive manure spreaders, excellent condition
Int. 510 - 18x7 grain drill, like new
JD 13' plow disc, like new
Used mixer grinder mills - NH 354, IHC 1050 & 1150
New & used rotary mowers, 3 pt. & pull type
New & used plowing discs
New & used hay & grain elevators
New Lamco feeder racks & bunks
Used Industrial Equipment- AC H3, H4 crawler loaders, AC HD4 & 650 crawlers w/blades
JD 350B 6 way blade w/wide swamp tracks
JD 450 dozer
JD winch for 450
JD 550 crawler loader w/9300 backhoe
Bobcat 610 skid steer loader - backhoe attachments avail.
Large selection of new NI manure spreaders, 140 bu. to 350 bu
New Starline & Martin scavenger spreaders in stock
Deferred interest & payments on many new tractors & machines - 5-1-81 Allis Chalmers - 5-1-81 New Idea - 6-1-81 Hesston

SPECIAL

NH 791 tandem manure spreader w/hyd. tailgate, used 6 mos., exc. cond. $4975.
New Starline 185 bu. tank manure spreader, right or left hand delivery, $3295.

Merry Christmas

To All Our Friends

MARSHALL MACHINERY, INC.
RD #4
Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota

FARM EQUIPMENT

1034 Bale Wagon
1010 Bale Wagon
213 Spreader
208 Spreader
JD 1209 Haybine
Hesston 500 SP Haybine
(2) Taylorway Disc 10'5"
(1) Taylorway Disc
760 Chopper head 2-row
3200 IH Skid Loader
York Blade
Bush Hog Blade
NH Corn Head 1-row 770 new
438 Corn Head less att.
238 NH Tam Gear 12 ton w/11Lx15 tires
1469 Haybine
L Combine, 2 heads 438-15'
425 NH Loader-Husker
479 Haybine
Myer Snow Plow
Volk Snow Plow
990 9' IH Haybine, 1 steel, 1 rubber, pull type
PT10 Hesston
Gehl 600 Chopper 3 heads 2-30, 2-38 pickup
IH 555 Chopper 38" head, 2 heads
469 Haybine
717 Chopper 1-row

GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318

JOHN DEERE

(NEW)
JD 605
Spin Spreader

JD 4030 Tractor
JD 4020 Tractor WFE
JD 2640 Tractor w/loader
JD 2010 Tractor
JD 1020 Tractor
JD 850 Tractor
IHC M Tractor
IHC Super C w/mower
IHC 185 Cub Low-Boy
MF 20C Tractor w/loader
JD 350 crawler w/blade
JD 1209 Mower Conditioner
JD 54 Manure Spreader
JD 237 Corn Picker
JD 227 Corn Picker
JD 1240 Corn Planter
JD 1240 Corn Planter
JD 1440 No-Til Corn Planter
JD 494A Corn Planter
AC 4-Row No-Til Corn Planter
IH 51 Corn Planter w/Liq. Fert.
JD RWA Disc
Athens Disc
JD 15 Disc Van Brunt Grain Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
JD 105 Combine w/platform and corn head
JD 7700 Combine w/platform and 6R corn head
JD 224 Baler w/ejector
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
JD 115 Chuck Wagon
JD 894A Rake
NI 272 Cut/ditioner
NI 279 Cut/ditioner
JD 145 6B Plow
JD 1450 5B Plow

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

FOR SALE
HESSTON 10 STAKHAND
PAUL D. MAST
215-286-9510

FARM EQUIPMENT

USED EQUIPMENT

IH 550 Semi Mtd 4x16 Plow
IH 4B Auto Semi Mtd Plow

COPE & WEAVER CO.
New Providence
717-786-7351

FARM EQUIPMENT

50% DISCOUNT SALE
on some air tool accessories

STOLTZFUS PNEUMATICS
RD #1 Box 160
Paradise, Pa 17562 at Nickelmines

FARM EQUIPMENT

NEW LEADER Lime & Fertilizer Spreaders
HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows

ANVILLE BODY CO.
P.O. Box 217, R.D. #3
Annville, Pa. 17003
Phone 717-867-4631

JOHN DEERE

YEAR-END SPECIALS

AGWAY

USED EQUIPMENT - FIELD CONDITION

TRACTORS:
JD 4630 Power Shift w/Cab
JD 4630 Syncro w/Cab
JD 4230 Quad w/Cab
JD 4430 Quad w/Cab & Air
JD 3010 D Utility
JD 2510 Gas
JD 1520 Gas
JD 60 w/Loader
White 4-150 4-WD w/Duals
AC 7050 w/Cab
Farmall 656 Gas, Wide
Satoh 5650 Gas, Like New

COMBINES:
JD 7700 w/Cab & Air
JD 6600 D w/Rebuilt Engine
JD 6600 D
JD 6600 Gas
JD 4400 D, Low Hours
JD 4400 Gas
JD 3300 Gas
MF 410
IH 915
White 535
Cornheads: 444, 443, 643

PLANTERS:
JD 7000 6 Row
JD 7000 4 Row
JD 1240
JD 1260
JD 1300
JD 494
AC 4-6-8 No Till
IH 56 4 Row Dry
White 4 Row Air Planter

PLOWS:
IH 710 4 Bottom Auto.
IH 700 6 Bottom Auto.
IH 700 5 Bottom Auto.
JD 5 Bottom Hyd. Trip

BUSH HOG CHISEL PLOW
• 8 tooth, High Clearance, Three Rank Cushion Spring Teeth
$1350 FOB Shop

SAVE 10%

SERVICE SPECIAL!

10% OFF Labor And Parts On Service Jobs Done In Our Shop With $1000 Total Before Discount - Expires 1/31/81.

SAVE 10%

JOHN DEERE FARMING FRONTIERS FRIDAY, JANUARY 9th

★ 15% Cash Discount On All parts Picked Up or Ordered ★

FREE TOLL CALLS Areas 215 & 717

---- CUT OUT AND POST ----

Do Your Sales And Parts Shopping ON US...
To Better Serve You - Use Our Toll Free Number
800-322-9289

FREE TOLL CALLS Areas 215 & 717

Other Agway Store Customers - We Can Ship Parts Direct To Your Farm! All We Need Is Your Account Number.

JOHN DEERE

CHAPMAN EQUIPMENT CENTER, INC.

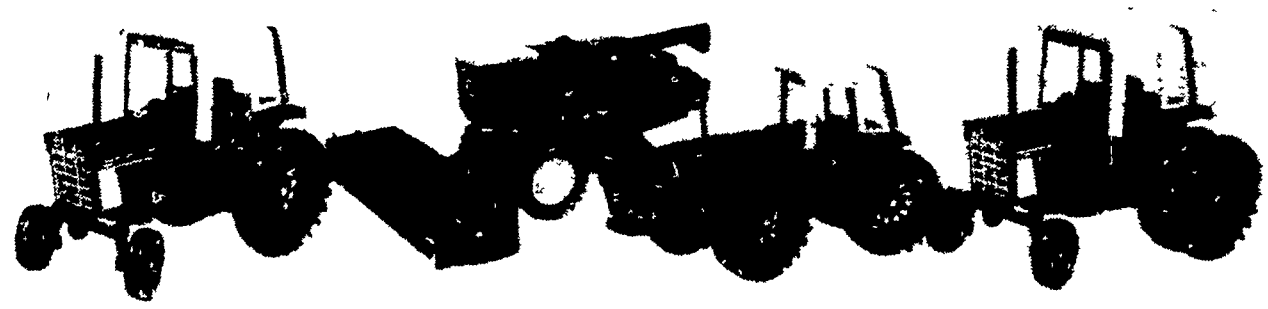
AGWAY

Corner of Ruppsville Road & Chapman Road, Wescosville, Pa.
215-398-2553
Area Codes 215 & 717 Call Toll Free...800-322-9289
Open Mon. thru Fri. 8:00 AM to 5 PM; Sat. 8:00 AM to 12:00

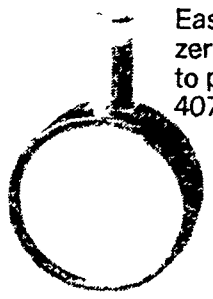
CHRISTMAS BELL RINGER SALE

Fun gifts for the future farmers in your family

We have a wide assortment of toys that are true-to-life replicas of Dad's International tractors and implements Plus a selection of model kits for children of all ages Come in now and choose your gifts for sons, daughters, nieces, and nephews while our selection is still complete. And don't forget the kid across the road.



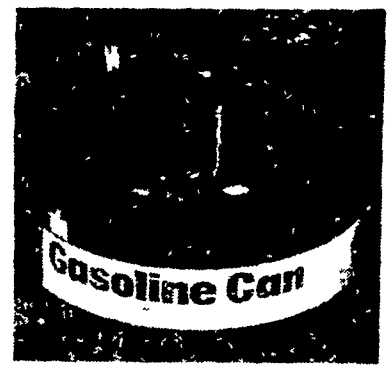
Save 21%
Tire gauge
Easy-to-read dial ..from zero to 100 psi Ideal item to pop into Pop's stocking
407 388 R1
REGULAR $4 98
SPECIAL **$3.95**
SAVINGS $1.03



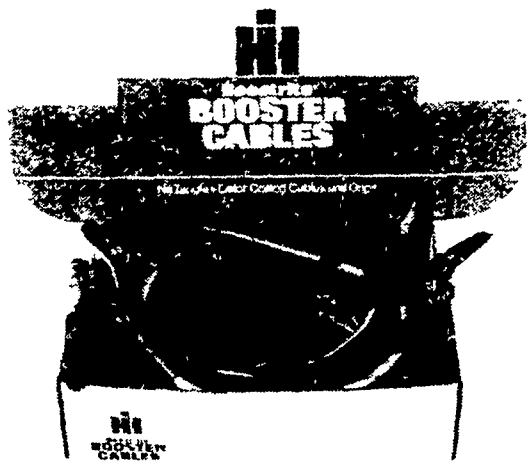
RIDING TRACTOR
SPECIAL **$79.95**

ECHO SAW
Model CS-500VL
The Professional Saw That Homeowners Can Afford
ONLY **$288.00**

Save 32%
2½ Gallon GAS CAN
For General Use



A quality filler in a handy size. 1¾" spout.
999 305 R1.
Regular $10.25
SPECIAL **$6.95**
Savings $3.30

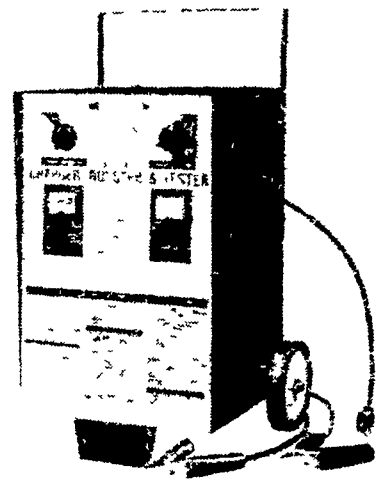


IH BOOSTER CABLES
With heavy duty clamps, 549 087 C92
REGULAR $14.50
Special **$11.95** SAVINGS $2.55
With larger mechanic's clamps, 549 293 C92
REGULAR $22.00
Special **$17.95** SAVINGS $4.05

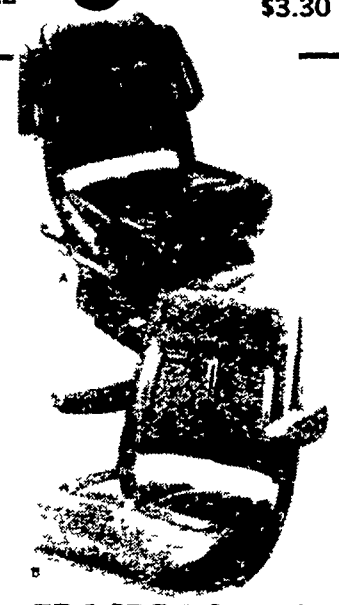
IH BATTERY CHARGERS:
Starting Power for Every Need!

Save 24%
80-amp battery charger, booster and tester
- Charges to 80 amps, boosts to 300 amps.
- Tests alternators, battery charge, 7 other tests.
- Exclusive dual meter design
- Timer.
- Rugged construction.
- Part number, 1131 855 R1

REGULAR $217.34
Special **$164.95**
SAVINGS 52.39



Save 28%
30-amp heavy-duty charger and booster
Fast charge delivers 30 amps, slow charge 5 amps. Booster up to 200 amps. 407 391 R92
REGULAR $124.95
Special **$89.95** SAVINGS $35.00



TRACTOR SEATS
International Harvester tractor seats are specially engineered to fit the contours of your body and to prevent fatigue during long hours in the field

A Seat with sus pension 407 523 R1 **$349.95**

B Seat for vertical acting sus pension 407 524 R1 **$149.95**

MERRY CHRISTMAS

...And May This Season Bring Much Cheer To Your Home and Heart in Every Way. Very Sincere Thanks, Too.

FROM EVERYONE AT

C.B. HOOBER & SON INC.

INTERCOURSE, PENNA. (717) 768-8231

★SALE ★ SALE ★ SALE ★ SALE ★ SALE ★ SALE ★ SALE ★ SALE ★ SALE ★ SALE ★ SALE

YEAR END SALE

C. B. HOOBER & SON, INC.
Main Street
Intercourse, Pennsylvania 17534
(717) 768-8231

FROM CHARLIE HOOBER

Dear Customer,

All of my people - the partsmen, mechanics, truck drivers, salesmen and office personnel - join me in thanking you for making 1980 our biggest year ever. Service is my business, and as I look to 1981 and beyond I see a continued need for me to provide the best service available anywhere.

I work at hiring, training and keeping good service people the same way you work at growing 150 bushel corn. But I also work at stocking equipment that will make your job easier and more efficient. When you buy equipment, you like it to look good and be good. So in order to offer better used machinery for sale, especially combines, I need inside storage.

I am in the process of constructing a storage building of 40 x 240 feet on the East side of my lot. To make room for this construction I had to move some equipment. Rather than move it around some more when the building is completed I'm having a sale to move it to you.

All of our 437 pieces of used inventory and over 500 pieces of our 1,281 piece new inventory are specially priced with a White Tag. Come on in. Look for the White Tags which will tell you how much they are. I mean business.

I am looking forward to serving you. Thank you again for your patronage in 1980.

By Service We Grow

SALE LASTS FROM 12-20-80 UNTIL 1-17-81.

★ ★ ★ ★

WE WILL BILL IN THIS YEAR OR NEXT YEAR... WHICH EVER IS TO YOUR ADVANTAGE FOR TAXES.

★ ★ ★ ★

WHITE TAGS ON EVERY SALE ITEM
OVER 500 NEW & 400 USED SPECIALS
DRIVE IN OUR LOT, LOOK AROUND,
SEE THE PRICE ON THE MACHINE.
WAIVER OF FINANCE 'til
1981 ON MOST ITEMS...

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

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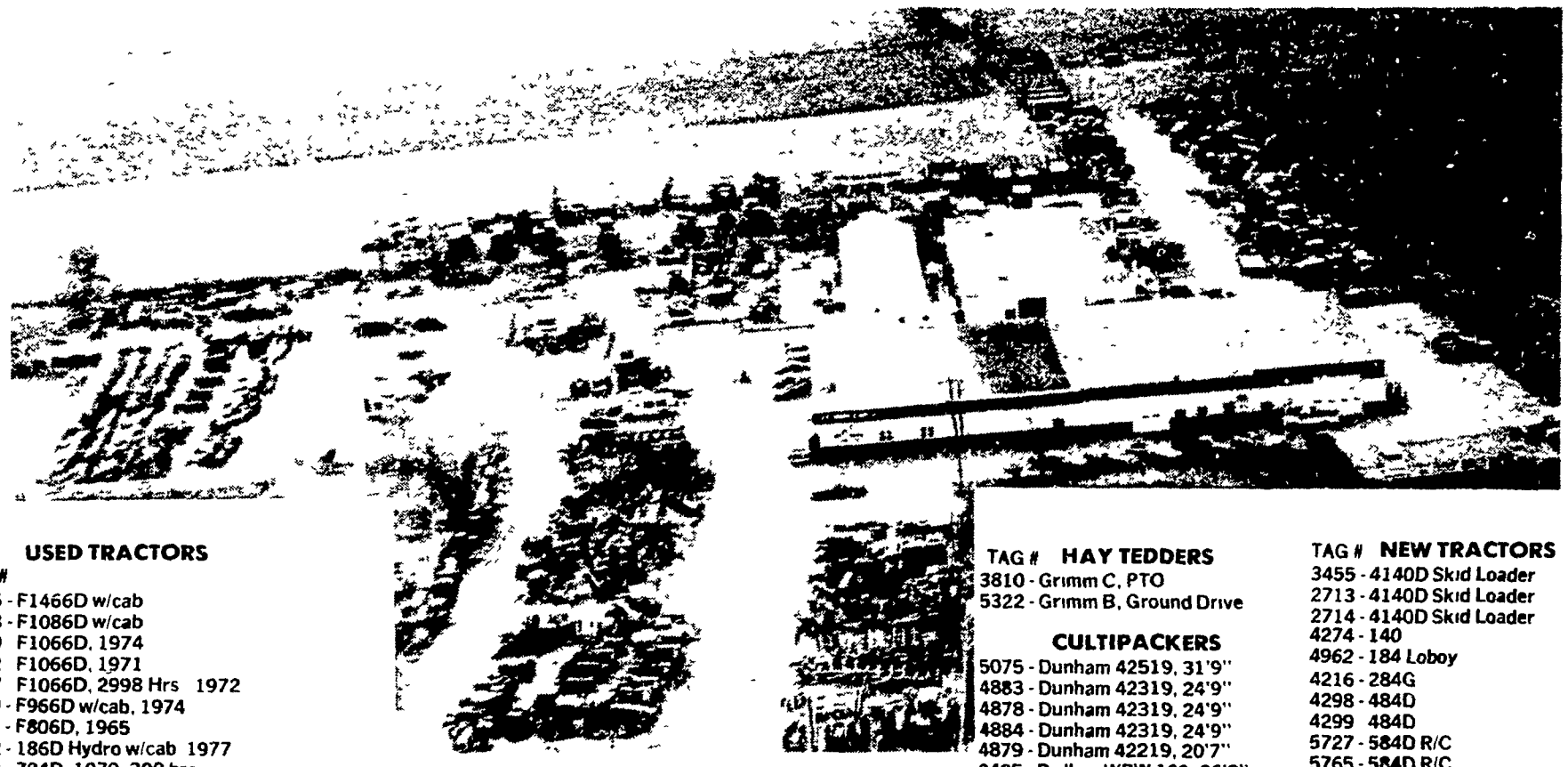
NEW YEAR SALE

OUR LOT IS OPEN FOR YOUR INSPECTION EVERY DAY



USED TRACTORS

TAG #
5255 - F1466D w/cab
4968 - F1086D w/cab
5289 F1066D, 1974
5762 F1066D, 1971
5957 F1066D, 2998 Hrs 1972
5949 - F966D w/cab, 1974
5583 - F806D, 1965
5372 - 186D Hydro w/cab 1977
5843 784D, 1979 300 hrs
5163 - F706D, 1964
5660 - F706D, 1963
5760 - I706D, 1963
4600 - F666D, 1975
6005 - 464D, 1977
4307 - F4006 w/Loader
5642 - 444G w/Loader
5122 - F230G w/Cultivators
5484 - Farmall Cub w/Cultivators & Plow
5885 - F Super C w/Cultivators
3426 - Farmall M
5214 - Farmall M
5980 - F450G w/Pulley
4042 TD-6 Crawler
5123 - 500G Crawler 1966
5921 - Long R-95 Special
4525 - Ford 8000, 1971
5288 - MM G-1000D 1967
6009 - Deere 4240 w/cab
Deere 4630 w/cab, duals
- Case 2670 4 WD
- F1586D w/cab

USED DISC HARROWS

5099 - IH, 475, 14'
3428 IH, 470 13
3352 - IH, 370, 13 10"
5828 - IH, 470, 21'
5168 - Deere, BWF
4544 - Deere, 330, 24 Flexwing
4170 - Deere 1630, 13'
5440 - Deere, KB 10'
5309 - White 271 18' Flexwing
4969 Miller, 12' Offset
5135 Bushog, 1445 25' Flexwing
5538 - Pittsburg, 10'
5842 Deere 440, 12 Offset
5846 Deere 230 21' Flexwing
5905 Deere, 310, 12
5744 - Deere, 220, 18 single wing

USED PLOWS

5946 Glencoe 11 shank soilsaver
5960 - Glencoe 7 shank soilsaver
4848 - Glencoe 7 shank soilsaver
5889 Glencoe 13 shank soilsaver
3165 - Oliver, 6F 16" Plow
2741 - IH 3 F Trailing
5351 IH, 312 3F, 16 semi mtd
5781 - IH 450, 3F 16 ' Mtd Auto
5021 - IH, 700, 5F, 16" Auto
5738 - IH, 710, 6F, 18" Auto, on land
5758 - IH, 710 5F, 20' Auto
3495 Taylorway Chisel 11' Mtd
5701 IH, #10 Subsoiler 5 shank
5248 IH, #55 Chisel 13' Mtd
4491 IH, 55 Chisel 16' Singlewing
5020 IH 55 Chisel 10' Trailing

USED PACKERS

TAG #
5947 - Brillion 17' Wing Cultipacker
4493 IH 315 Packer Mulcher 12'4"
6025 - Dunham 12' Cultipacker
3806 Lely 12' Rottera
6024 Brady 12½' Field Cultivator
5138 IH, 461 Cultivator 4R
5732 IH Cultivator Super A

USED HAY EQUIPMENT

5311 IH, 225 Hayswather Self propelled
6008 Brady 1440 Chopper 12
5977 Brady 720 Flail Chopper
5752 - IH, 650 Harvester recutter
4405 IH, 650 Harvester, recutter
2319 IH, 650 Harvester direct
5444 - NH, Super 717 Harvester
5445 NH 717 Harvester
4174 - IH, 3 RN Row Crop
4897 IH, 2 RW Row Crop
2320 IH, 2 RW Row Crop
4144 - IH, 2 RW Row Crop
4516 IH, Hay Pickup
1259 - IH Hay Pickup
5814 Deere Rotary Cutter 13
4545 - Servis Flex 20 Cutter
4263 IH 990 MC 9'
5180 Gehl 99 Blower
2060 Gehl Blower FB-88
4976 - NH, 320 Baler
5755 - Farmec Corn Drag
5515 - IH, 990 MC, 7'
5776 Bushog Cutter, 9
5371 IH, 56 Blower
5360 Deere 65 Blower
9508 IH, #8 Flail Chopper
5749 Farmbilt 21' Bale Wagon
5750 Farmbilt 21 Bale Wagon
5751 Farmbilt 21' Bale Wagon
5950 IH, 440T Baler
5775 - IH, 110 Forage Box
5777 Gravity Bin

USED PLANTER & DRILLS

2240 IH 400 Cyclo, 4R
8169 IH 400 Cyclo, 6R
3288 IH 400 Cyclo 8R
3648 IH 56 6R
9903 Deere 1300 Plateless 4R
2414 Deere 494 Planter 4R
5937 IH #10 Drill 18x7
5938 IH #10 Drill 18x7
5939 IH #10 Drill 18x7
5321 IH #10 Drill 13x7
5357 IH #10 Drill 18x7
5080, Deere, B, 20x7
5910 Deere, 13x7

USED SPRAYERS

TAG #
2038 - Bean 40RC on Truck
1318 - Bean 500 Gallon Skid
5341 - Bean 55 Gallon 5 GPM

USED COMBINES

5690 IH 1460D, 1978
5782 - IH, 915D, 1976
5742 IH, 915D, 1976
5802 IH, 815D, 1971
4148 IH, 815D 1970
2210 - IH, 91 w/10' Platform
5536 - Deere 6600D Gear 1972
4823 Deere 4400D, 1976
5906 - Deere 7700D 1977
4877 - Gleaner GKS
5886 - Gleaner LKS2 1977
5413 Deere 45D w/10' Platform

USED CORNHEADS

5743 IH, 863
4258 - IH 844
5759 IH 844
5817 IH 744
9493 - IH, 744
4147 IH 744
5803 - IH, 763
3784 Deere 643
4956 - Deere 444
3641 - Gleaner 444 GKS
5887 - Gleaner A630
5909 Gleaner A438

USED PLATFORMS

5907 IH, 810 15' Flex
5923 - IH, 810, 13'
5525 IH, 810, 15'
5799 - IH, 810, 15' Flex
4639 - IH, 810, 15' Flex
5688 IH, 810, 15'
5706 - IH, 810, 13'
5524 IH, 810 15'
4638 - IH, 810, 13'
5829 IH, 13' (815)
4260 IH, 13' (815)
4149 - IH, 13' (815)
4039 - Deere 15'
4824 - Deere 213 Flex
4368 - Deere 13'
5152 - MF, 14' (510)
5933 - IH, 810, 16½

USED UNI-SYSTEMS

5838 - 704 Uni X6, w/717 Combine & 730 4 Row Cornhead
5884 702 Uni w/729A Sheller & 735 Cornhead

HAY TEDDERS

TAG #
3810 - Grimm C, PTO
5322 - Grimm B, Ground Drive

CULTIPACKERS

5075 - Dunham 42519, 31'9"
4883 - Dunham 42319, 24'9"
4878 - Dunham 42319, 24'9"
4884 - Dunham 42319, 24'9"
4879 - Dunham 42219, 20'7"
2485 - Brillion WPW 129, 26'8"

TILLAGE

4624 Landoll Wing Chisel 15 shank
4626 Landoll Wing Chisel, 15 shank
4975 - Glencoe Soilfinisher, 20'3"
1513 - Sunflower G322 Disc, 22'
5771 - Krause 2869 Chisel, 9 Shank w/Slicers
5770 - Krause 2867 Chisel, 7 Shank w/Slicers
5278 Krause 3515 Chisel, 15 Shank Wing
5279 Krause 3515 Chisel, 15 Shank Wing
5231 - Krause 2242 Disc, 12'3"
5398 - Krause 2244 Disc, 13'6"
5284 - IH, 800 Plow, 10F, 18" Auto
4435 - IH, 735 Vari-Width Plow, 5F
3209 - IH, 720, 5F 18" auto
5283 - IH, 720, 5F, 18" Auto
5282 IH, 720, 5F, 18" Auto
5280 - IH, 720, 6F, 18" Auto
4882 - IH, 450 Plow, 3F Mtd
4883 IH, 450 Plow, 3F Mtd
5809 - IH, 490 Disk, 24'10"
1494 - IH, 480 Disk, 13'5"
3320 - IH, 370 Disk, 11'6"
3221 IH, 370 Disk, 11'6"
4648 IH, 5507 Chisel 7 Shank Mtd
4647 IH 5507 Chisel 11 Shank Mtd
4646 - IH 5507 Chisel, 11 Shank Mtd
4649 - IH, 5513 Chisel 13 Shank Mtd
3580 - IH, 45 Vibra Shank, 12½'
3581 IH, 45 Vibra Shank, 12½'
1133 - IH, 55 Chisel, 10' Trail
9799 IH 55 Chisel, 7' Mtd

PLANTERS

3202 IH, 56, 4R
3064 IH, 400 Cyclo, 4R
295 Planter Units

HAY & FORAGE

5436 - IH, 56 Blower
5438 - IH, 56 Blower
5811 - IH 1000 Mower
5812 - IH, 1000 Mower
5810 IH, 1300 Mower 3 Pt
5813 IH, 1300 Mower, 3 Pt
5004 IH 1190 Mower Conditioner
5005 IH 1190 Mower Conditioner
4860 IH, 830 Harvester
4861 IH 830 Harvester
5251 IH 130 Forage Wagon 18

NEW TRACTORS

TAG #
3455 - 4140D Skid Loader
2713 - 4140D Skid Loader
2714 - 4140D Skid Loader
4274 - 140
4962 - 184 Loboy
4216 - 284G
4298 - 484D
4299 484D
5727 - 584D R/C
5765 - 584D R/C
5729 - 784D R/C w/TA
5730 - 784D R/C
5063 - 84D Hydro R/C
5731 - 84D Hydro R/C
5542 884D R/C
5523 - F686D
5433 F86D Hydro
5522 - F986D
5863 - F1086D
5918 - F1086D
5919 - F1086D
5432 - 3388 2+2
5292 - 3588 2+2
5293 3588 2+2
5778 3788 2+2

LOADER SPECIAL - ANY TRACTOR SOLD WITH LOADER - EXTRA 10% OFF SPECIAL LOADER PRICE

QUICK-ATTACH LOADERS

5554 - IH, 2450 (100 HP & up)
5555 - IH, 2450 (100 HP & up)
5035 - Ih, 2350 (85 HP & up)
5036 - IH, 2350 (85 HP & up)
5037 - IH, 2350 (85 HP & up)
4477 - IH, 2250 (52-75 HP)
4442 IH, 2250 (52-75 HP)
4444 IH, 2250 (52-75 HP)
4438 IH, 2000 (38-52 HP)
2778 - Dunham #2 (35-52 HP)
2777 - Dunham #2 (35-52 HP)
2769 Dunham #22 (45-75HP)
(Choice of Buckets For Above)

ROTARY CUTTERS

4500 - Servis RS8 Offset, 8'
4196 Servis Flex S15, 15'
3614 - Woods L306AH, 6' for IH 140
3622 - Woods C80 6½' Trailing
3617 Woods 59LB, 5' for IH B

SPREADERS

5895 - IH 540, 185 bu
5896 - IH 540, 185 bu
5897 - IH 550, 215 bu
5898 IH 550, 215 bu
5899 - IH 560, 250 bu
4051 - Balzer 440 bu
4710 - Lely WGR Fertilizer
4166 - Lely WGR Fertilizer
4333 Lely HR Fertilizer

MIXERS

4997 IH, 1250 Grinder Mixer
5691 Farmaid Wagon 200 bu
5692 Farmaid Wagon 130 bu

OVER 600 MORE ITEMS - LOOK FOR THE WHITE TAGS

ALL NEW & USED PRODUCTS BACKED BY **HOOBER PARTS & SERVICE**

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

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FARM EQUIPMENT

JOHN DEERE

We will give 10% Discount on all Cash and Carry Parts $50 or more Fron Now until January 31, 1981

Merry Christmas

EDWARDS & COX
RD #1
Oxford Pa 19363
Phone 215-932-2929

FARM EQUIPMENT

CFH

JOHN DEERE

CFH Wishes You A
Merry Christmas

We will be closed for the holidays Dec. 24 to Jan. 1
Will reopen Friday, Jan. 2nd

Emergency parts service call
301-648-5229

NEW IDEA FARM EQUIPMENT · OMC · SUNFLOWER · ECHO · LELY · BUSH · HOG · RHINO by Athens & Servis · Badger · WALSH · FOX · BRADY

TRACTORS

IHC 154 Cub Low Boy w/Mower
IHC Cub Cadet Tractors w/Equipment all Horsepowers
IH Cub Low-Boy w/mower, plow, disc and cultivator
Farmall Super C w/Wood Saw and Cultivators
Farmall M
Farmall F300
IHC 330 Utility
IHC 460 Tractor
IHC 606 Diesel
IHC 656 Diesel
IHC 706 Diesel
IHC 756 Dsl
IHC 1256 Diesel
IHC 1466 Diesel
JD 1520 Gas
JD 2510 Diesel
Ford 801 Diesel
Ford 850 Gas
David Brown 995 Diesel
Minn Moline 5 Star Gas

USED EQUIPMENT

OMC 1700 Dsl. Skid Loader
IHC 311 3x14 2 pt Plow
IHC 450 3x16 3 pt Plow
Oliver 4x16 3 pt. Plow
IHC Sub Soiler 2 pt
IHC 350 10' Wheel Disc
IHC 9A 8' Disc
JD KBA 10' Wheel Disc
Case 7' Disc
IHC #10 16x7 Grain Drill, like new
IHC 510 18x7 Grain Drill, like new
JD FBB 15x7 Grain Drill, like new
JD 1240 4R Plateless Corn Planter
IH 400 no-till Corn Planter
IH 56 2R Corn Planter
IHC 58 6R Corn Planter
IHC 46 Baler
IHC 47 Baler w/thrower
JD 24T Baler w/thrower
MF 12 Baler w/thrower
NH 269 Baler w/thrower
Gehl 1500 Big Roll Baler
Hesston Hay Stacker 3 ton
Fox 3000 Forage Harvester
IHC 650 Forage Harvester
JD 34 Forage Harvester
JD 35 Forage Harvester
IHC 350 Forage Harvester
IHC 225 Windrower 10'
Hesston 1014 Hydra Swing Windrower
OMC 217 9' Windrower
Gehl 440 9' Windrower
NI 270 Cut/ditioner 7'
NH 479 Haybine 9'
NH 404 Hay Crusher
Gehl 72 Flail Chopper
Brady 608 Flail Chopper
Bearcat 72A Flail Chopper
IHC 1000 Sickle Bar Mower
NI 702 Gas Uni
NI 710 Uni Combine
NI 726 Uni Husking Bed
NI 729A Corn Sheller
NI 738 4R Narrow Uni Corn Head
NI 731 4R Wide Uni Corn Head
NI 734 3R Wide Uni Corn Head
NI 711 Uni Platform
IHC 234 Mtd Corn Picker
NI 232 1R Corn Picker
NI 324 2R Corn Picker
NI 6A 2R Corn Picker
Oliver 17 Pull Type Combine 7'
IH 205 Combine
IHC 1150 Grinder Mixer
Hesston 1400 gal Liquid Manure Tank
NI 214 200 bu Spreader
NI 213 170 bu. Spreader
NI 212 145 bu. Spreader
NH 331 140 bu Spreader
Badger 160 160 bu spreader
IHC 580 10 ton Tandem Axle Spreader
Homemade 2200 gal Liq Manure Tank
Grove 16' Forage Box
Coby 4000 Forage Box
Gehl 14' Forage Box
Lamco 14' Forage Box
Dion 16' 3 btm, roof, 12 ton Tandem Axle Fg Box
Brady 512 Feeder Wagon
IHC 2000 Loader
IHC 2250 Mount-A-Matic Loader
NI 503 Loader
IHC 56 Blower
JD 65 Blower
Kools 60" Blower
NY #27 Blower
NH 30' Elevator
Hanson 300 gal Sprayer
Century 200 gal Sprayer
Century 500 gal Sprayer
Walsh 500 gal. Sprayer
5 H P Electric Motor
JD 8' Fertilizer Spreader
IHC Cub Cadets w/mowers

JOHN DEERE 35 FORAGE HARVESTER WITH 2 ROW NARROW HEAD Cut 40 Acres

2% Cash And Carry Discount on All Parts

The Place to Buy New & Used Equipment

CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St., Chambersburg, PA
Phone: 717-264-3533

Best Wishes

The scent of pine... the spirit of love... may all things that mean Christmas joy be yours this season. We wish all our good friends and customers a

Very Merry Christmas

COMBINES 1976 JD 6600 D w/grain & choice of corn heads, 1975 Int. 715 diesel C.A 23'' tires w/grain and corn.
Gleaner F2 diesel, cab, air, grain saver, used 300 hrs. w/grain and 430 corn head. Gleaner G diesel w/cab and grain. 76 Int. 715 diesel w/844 corn head and 810 grain head. Int. 715 gas w/844 corn and 810 grain head. 1973 John Deere 6600 diesel w/2 heads (clean), JD 4400D w/air & both heads, Oliver 25 w/cab.
MF 760 diesel hydra with grain and 6 row corn head MF 300 combine w/cab and grain, Int. 82 Pull Type (clean) Gleaner F w/2 heads Late model Int 303 w/cab & 2 heads
JD 7700 D w/grain & corn head, Gleaner K w/cab, 10 ft. grain, K240 corn head MF 510D Quick Tach w/both heads
Corn Heads JD 643, 444, real nice JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 435, 434, 334, 235, 234, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int. Int. 863, 844, 843, 744, 743, 227, NI 4-row 40'' heads, Case 3 row 30'', Case 4 row 40'', 50 corn heads to pick from on our lot M 430 Gleaner, Int 6 row 30'' for 503, new JD 444 corn heads, NH 4 row 38'' C.H New MF 44 C.H. for $6375.00. (Skid Loaders) Bobcat 720 & 700 Hydro.
TRACTORS & EQUIPMENT JUST PURCHASED. JD 4840 (SOLD) w/450 hrs.; JD 4230 C A. QR; JD 6030 C.A. Duals, real sharp, JD 6030 cab and duals, fair, '70-4020 WF; '67-JD 4020 WF dual hyrd, New Farmall 1086 cab & air, New Farmall 886 cab and air, Used White 2-155 w/Duals, White 4-150 4 wheel drive w/duals, JD 4230 w/R G., 67 JD 4020, JD 1530D.
Used Farmall 706D WF & 3 pt.; Case 1030, MF 165 w/loader & backhoe (SOLD); (2) AC D17 IV w/3 pt, New NI 324 picker w/super sheller; New JD 3 pt. roller harrow; JD 7000 4-row planter w/no-til attch
CORN PICKERS - (new) N I 324 w/12 roll bed, New New Idea 325 w/12 roll bed, Used (3) N I 324 w/12 roll bed, NI 325 N w/12 roll bed (325 N w/sheller), used 323 one row, NI 311 two row pull, NI 3 row 30' picker w/super sheller, New Idea shellers and Super shellers, N I 2 row 30'' picker w/grinder JD 300 Husker w/244 corn head Int. 234 w/12 roll bed
John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft Hyd wing disk, like new, J D. 7520 w/3 pt & Dual Wheels, J.D. 220 hyrd fold wing disk, Int 4366 - 4 Whl. drive w/duals, 1972 JD 4020 w/dual hyrd., Farmall 966 original, Farmall 656 gas WF 3 pt
JD 4630 C.A Power shift w/front wheel drive (real clean), New JD 4840, (Tractors w/Loaders) JD 2020D w/145 loader like new, JD 4020 w/58 Loader, Int 544 utility D w/2250 Mount-O-Matic Loader, Int. 606 w/2000 L, Farmall 1206 w/cab, AC 185D w/300 hrs., like new: 1967 JD 4020D power shift, D.L. dual hydraulics; AC D17 D, W.F, Int. 606 (SOLD) Utility D; Ford 4000 Utility D; Ford 1800 Loader & Backhoe, New J.D. 11' mulch tiller, New JD 12' chisel plow, Cub 154 LoBoy.
Case 930 CK w/5X Plow, JD 3010 gas
Just Received New J D. 2940 w/front wheel drive, New JD 4040 QR and fenders, NEW JD 4240 4 post QR. New JD 4440 cab, air, power shift, New JD 4440 C.A., quad., JD 4000 diesel
Used JD 4240 C, A, P S., 4010 gas, JD 4430 C A QR, JD 3020 (2) side console, 4020 side console gas JD 2030 w/ Hi & Lo
New White 2-105 w/cab; 1971 J D. 4020 w/roll guard, cab, air, dual hyd (real sharp), 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2- JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., JD 2510 gas, Farmall 806 diesel, Farmall 350 w/P.S. & F.H
Farmall - 1568 - V8 w/cab & air used 1000 hrs., Used 986 cab & air, used 686 w/cab & air, 1566 w/cab, 766 D, 1466 w/cab, 1026 Hydro w/roll-guard, Farmall 666 diesel, 86 hydro D w/rollguard, Farmall 544 WF
Tractors & Eq - Steiger Bearcat 4 whl drive w/dual wheels and new motor in excell cond.; Gleaner E Combine w/cab, grain and corn head, Farmall 1206, nice 856 original A C 210D, w/new 20 8-38 tires, Farmall 856 w/no TA $6800, 460 Gas w/F H
J D 4320, Farmall 756 gas 806 tri diesel, 560, 856 w/front wheel drive, 1206 w/front wheel drive, Farmall Hi Crop- 656 diesel, 756, 300
HARVESTERS. New Holland 770 w/2 row, M F. 260 w/2 row head, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row, JD 3800 w/2RN C.H, NI 702 Uni gas w/chopper & corn head $5,900.00 NH S717 - 1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int. 2 row 30" for 650
JOHN DEERE Used JD 4030, 4520 w/triple Hyrd, 5020 tractor puller, 1968 4020 power shift, JD 3020 gas w/cab, JD 4010D w/W F 630 w/3 pt, 60 w/p s., 70 w/p s
FARMALLS 1978 1586 w/cab fully eq w/duals, used 400 hrs like new for $26,500. 1566 black stripe w/cab, 966 black stripe w/roll guard, 1206, Farmall 656 Diesel & 656 gas 1466 w/cab, 766, 1456, 806, Farmall hydro 70 w/w f and 3 pt, 826 hydro D nice, Super M w/live hydraulic, M for $975 00 H w/loaders, 706 Gas w/F.H - rough as is $1900.
New Case 2090 w/cab & air, P S 730, 970 w/P.S 1170 w/cab, Case 1030 D; Oliver 1950T w/cab, 2050, 1800, 1855 w/20 8 tires real nice 1650D., 1750D.
MASSEY FERGUSON new 1105 w/cab, & 20:8-38 tires for $19,500. MF 2805 used 600 hrs. 185 H.P w/dual wheels, 1130D, M F 1035. 135, Super 90D
ALLIS CHALMERS Used 7010 C.A P S., '7040 w/cab, power shift like new $19,500, 220, 210, AC 180D, MM S670 diesel
COMBINES - JD 7700 Diesel w/Fire Damaged cab. MF 510 D w/fire damage, Gleaner CII diesel w/4 row corn head, NI 702D w/rebuilt engine. 702, NI Super chopper, new 3 row 30'' corn head, N.I Demo 768 WN 3 row head, N.I 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30'' and 40'' heads. Used JD 13 to 15 ft. grain heads, used M F. grain heads, used J D 213 flex heads
Hay Equip Specials
BALERS - NH 320 w/thrower like new, Used 277 w/thrower, JD 346 Baler w/thrower, 336 w/thrower
New Haybines at Discount Prices - New Gehl 1090 for $4450 00 New Hesston 1010 Hydro swing $4850 00, NI 279 Cut/ditioner used on 40 acres for $2750. (New) NI 299 Haybine for $4250 00
New JD 1207 for $3675 Used NH 469, JD 640 rake
IND EQUIPMENT - Int 510 4 whl drive payloader used 500 hrs like new Case 530 C.K diesel L & B, Case 480B loader and backhoe, JD 440 loader & backhoe, JD 450 Crawler L & Backhoe Int 3500 L & B Case 580 L & B, D8 Cat w/blade, Cat 955K crawler loader
CORN PLANTERS - (Just Rec) New JD 6 row & 4 row conservation planters, New & Used 7000 JD 4 row w/Inst Used JD 7000 6 row liquid w/inset, monitor and no-til attch
New Int. 400 - 4 row air planter for $3250, New JD 8300 double disk grain drill, new Case 6 row 3 pt. hydr. fold field cult., 2 - J D #360 12 ft offset disks, Wheelback 12 ft offset disk JD RWA disks
Ontario 16 disc w/grass seed White 5x18 auto reset plows; J D and Int., & Oliver 4,5,6,7 trip and resets New Glencoe SS7 shank Soil Saver $4595. or with culti-lift harrow complete for $4950, JD 210 Disc, Case 4x18 auto reset plow used 20 acres. (Bush Hog 12 ft Discs, new;) Brillion & J D. 13 ft cultimulcher w/inside wheels, White 3 pt 10 ft. Chisel Plows, NH 346 Tank Spreader New White 14 ft. field cult, Kawanee 22 ft. wing disk. Four row stalk shredders 950 00.
LOADERS - Int. 2350 JD 58, MF loader for 1105, JD 46A loader, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor
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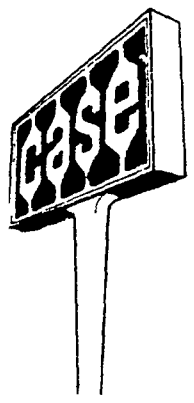

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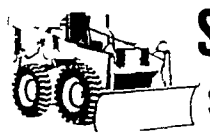
SCHAEFFERSTOWN EQUIPMENT



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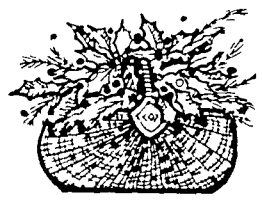

Seasons Greetings
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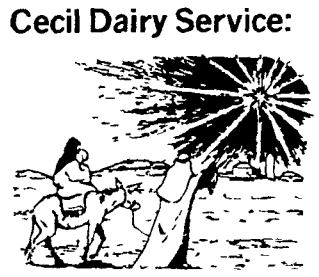

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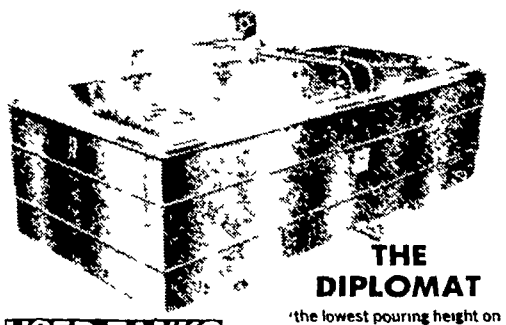

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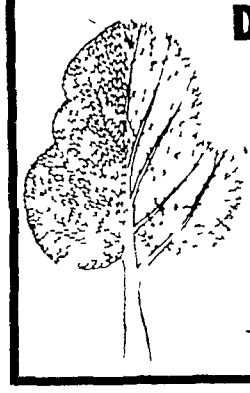

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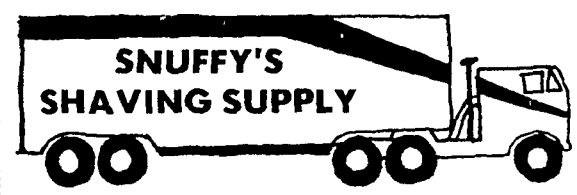

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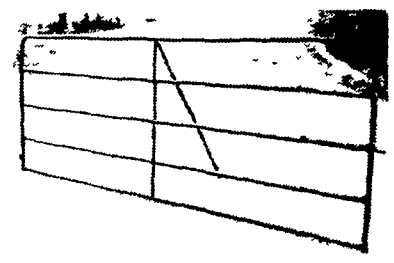

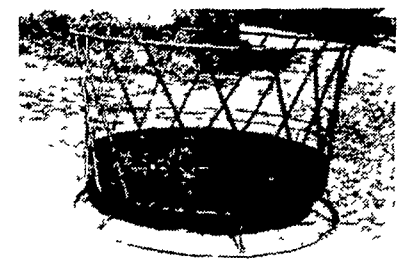

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Elizabethtown Creamery Co., Inc.
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Our families and employees extend to you wishes for a joyous Christ-filled Christmas and a New Year blessed with all good things. We thank you for your patronage in the past and are looking forward to serving you in the future

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Horse, Livestock & Utility
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- Low Cost - Long Life
- Smooth, Rounded Edges
- Center Beam
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- Uniform Spacing
- Easy Installation
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- Easy On Animals' Feet
- Prevents Movement From Side Loads
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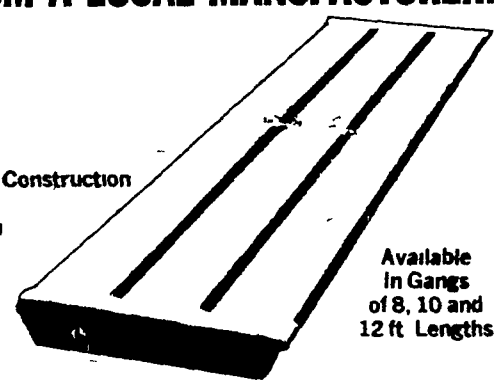

Available In Gangs of 8, 10 and 12 ft Lengths

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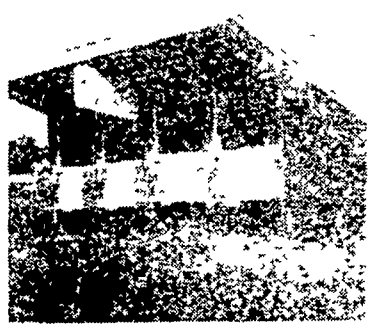
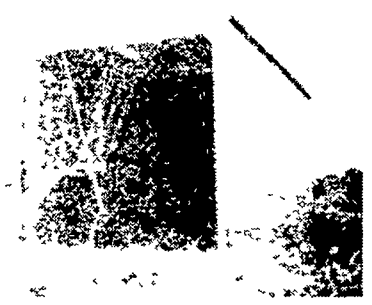
RAISE HEALTHIER CALVES
with The Solar Kennel or The Hutch



The Kennel
has room for 4 calves in individual pens, calves cannot reach together, overall size 8x12, plus 3' over hang to protect feeder on 4x4 skids, and is movable ½" aspenite sides and white baked enamel roof to reflect heat

Price $385.00



The Hutch
room for 1 calf, overall size 4x8, complete with feeder and aluminum roof and rope to tie calf on a slide wire You need no outside fence

Price $95.00

Quantity price available.

Write: **CALF KENNEL AND HUTCHES**
8719 Rowe Run Road
Chambersburg, Pa. 17201
or Call 717-532-3983

CATTLE

10 fresh Holstein heifers available Priced reasonably 215-837-0716

For Sale - Registered Holstein heifer due Dec 28 717-463-2394

For Sale - 3 mo old grade Jersey heifer, sired by Briarcliff Soldierboy, vaccinated & dehorned, Montgomery Co 215-947-0968

For Sale - Registered 3rd calf heifer, due in January Lancaster Co 717-733-4519

2 registered Angus bulls for sale Hoffman Angus 717-292-4855 after 5 p m

Discontinuing dairying offering for sale entire dairy herd, 18 Grade Holsteins, 2 Jerseys, TB and Blood Tested 717-328 3305

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LIVESTOCK EQUIPMENT & SUPPLIES

CATTLE

100 head of fresh and dry cows to pick from 1 herd purebreds, DHIA of 30 Also, 3 more herds Call 717-252-4206

For Sale - Grade Holstein cow due in Dec 215-383-6818

Registered Polled Herefords, bred cows and heifers Reasonable Blue Water Ranch, Smithville Flats, N Y 13841 607-656-8233

For Sale - Registered Holstein heifer, fresh 12-15-80 real good udder and starting well Alvin Stoltzfus 717-529-2950

10 Reg Holstein Cows, herd has 17,000 lb milk average All sale with calf 301-578-9868 between 8 & 9 evenings

Registered and grade Holstein cows and heifers, springers, health charts available Some calfhood vaccinated 717-529 2055

For Sale Registered Holstein bull sired by Lawcrest Marvex Born 12 11 79 Dam is GP 83 with very good memory Two records over 24,000 M, & 800 F in 305 days Granddam VG 86 with 26,000 M & 1000 F, $875 Lancaster Co 717-872 2493

Holstein herd registered and grade, artificially sired, home raised can hold till April 1, 301 578 1224

For Sale - Two grade Guernsey heifers soon fresh Registered Berkshire service age boars Southern York Co 717 235 1549

For Sale Registered polled Hereford heifers, also Feeder steers JDH Polled Herefords 717 292 4509

1 yr old registered son of Elevation dam VG 89 Ivanhoe Star 20,984M 4 6% test 979F, excellent full sister promising 20,000M over 1000F 717 438 3661

For Sale 4 Springing Holstein heifers, 717 949 3842

3 large Holstein heifers, ready to calve, 1 service age bull Robert Smith 301 692 6561

CATTLE

Wanted Entire dairy herd, also, bred Holstein heifers Will pay $25 more per head than the going price Don't sell until you call me Call collect - Reuben Greenberg, Inc, Columbus, NJ 609 298-1021

Wanted - Herd of dairy cows or heifers, 301-358-0412

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming You'll get results! 717-394-3047 or 717-626-1164

For Sale - Large Choice Holstein heifers, bred and open, over 350 to choose from Harmony Dale Farms, Phillipsburg, NJ 201 859-2616

Charolais polled bull with scurs, older proven bull and several young service bull 717-442-8104

For Sale Three stock bulls 717 786-2975

For Sale - Reg bull, 13 months old, sire Cavalier, dam vg Bootmaker, 26357M, 4 1%F, 1073F, grandam vg 88, excellent mam, 19000M, 4%F, $600 717 867 4516

4 heifers due to freshen anytime, 717 263 9091

For Sale Registered Holstein heifer due beginning Dec Sire 15H157 Dam has records of 22,681 of milk & 872 Fat Christian Zook, R D 2, Gap, Pa 717-442-4316

For Sale Grade Holstein heifer, breeding age 717-393 4732

For Sale 2 Holstein bred heifers large in size, calfhood vaccinated, Berks Co 215 987 3700

' Performance Tested Bulls" now on hand
Year Angus Bulls
2-year old ½ blood Chianina, will sire ¼ blood calves
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201-832-7944

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I am an order buyer and trucker of feeder cattle, have many satisfied customers in your area, if interested in ordering cattle call collect 703-465-5785 between 8-10 p m

Registered Holstein bulls, 1 year old and younger Out of dams with records to 24,000 milk and 900 fat Stump Acres 717-792-3216 York County

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf Fresh and close springers Cash, or credit with down payment Specialize in selecting cows for customers Free delivery Call collect Reuben Greenberg, Inc, Columbus, New Jersey 08022 Phone 609-298 1021 "

For Sale Service age Holstein bulls Dams classified VG with records to over 24,000M & 1,000F John Stump, Bernville, Pa Ph 215 488-1965

200 Top fresh and springing Holsteins Take all or pick Call 914 634-6689

For Sale - Polled Herefords, cows, heifers, bulls & feeder calves Chester Co 215 269 1994

Herd of 80 grade Holstein cows and springing heifers for spring 1981, mostly sired by Atlantic bulls, 717-263-4471

For Sale Holstein heifers bred to freshen summer 81 717 542-4825 after 5 P M

Registered Holstein bull by Kingpin Born 10 29 79 Dam 84 pts with over 20,000 milk & 750 fat $650 215-847-2619

15 ABS heifers 15 cows 717 547 2387

Registered Polled Hereford Domino/Lamplighter bred cow, bull calves, heifers, York Co, PA 717-235 6663

Holstein heifer, 6 months old, $400 215-297-8779

HORSES & MULES

Notice Registered American Saddlebred Stud Service, sorrel with white markings, real fancy $10 00 down $40 00 with live colt Driving horses For Sale Isaac S Zook, South of Intercourse

Two Horses Missing from Peach Bottom Wakefield area, 1 Palamino and 1 Buckskin Any information please call collect 717 764 0629

For Sale 7 yr old mule broke, works on either side George B Leid R R 1, East Earl, Pa 17519 Lancaster Co

Red Sorrel colts well grown, one registered Belgian, 1 yearling, choice $750, Ohio Supreme Breeding, also pair 4 yr old mare mules 15 3 used in Woods and farm work, one brown roan one sorrel Walter Engle, 315 564 5177, R6, Oswegim NY

AT Stud Indian Run King Registered Morgan, Joseph Esh, 2151 Forry Rd, Lancaster, PA 17601

HORSES & MULES

2 adorable miniature Sicilian donkies, best offer 215-598-3951

Beautiful Registered Arabian, Gelding 7 yrs old, show or pleasure, Chestnut blaze and white stockings Very gentle Somerset Co. 814-445-6358

5 yr old Standardbred trotting carriage horse, broke and sound. Christ M. Beiler, Rt 1, North Weavertown Rd, Ronks, PA 17572

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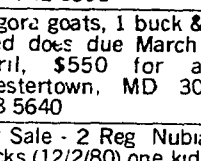

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Stallion Service
R D 2, Box 179
Berks Co
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Nubian registered Purebred goats available Mating service $25 Buck's nearest dams' 305 days average 2900 lb milk Show quality GETTYSBURG 717 334-7993

Ewe Lambs, ready to breed in spring, 215-822 7344 345-8212

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For Sale Flock of reg Suffolk ewes bred to lamb in January, quality show stock, also reg rams and bred commercial ewes Reasonable Northumberland County 717-742-3591

Angora goats, 1 buck & 6 bred does due March & April, $550 for all Chestertown, MD 301 778 5640

For Sale - 2 Reg Nubian bucks (12/2/80) one kid is white with grey patches, the other is brown Dam has well attached fore and rear udder and is milking 10 lb 215-285-6850

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DUROC BOARS and gilts production tested, certified meat type show winning stock Bloodlines of the best in the U S Par-Kay Farm, Park F Thomas, Beavertown, Pa Phone 717-658-6544

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Duroc Breeding Stock
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Open Hampshire & Yorkshire gilts Also service age boars of both breeds from certified meat type breeding Will deliver Contact John Strawbridge, Stewartstown, PA 17363 301-996 2022 Call between 6-7 30 A M or after 8 P M

SERVICE AGE BOARS Straight Irish or other foreign bloodlines No U S breeding in our herd Reno H Thomas, Brooks End Farm, Beavertown, Pa 17813 Phone 717 658-5821

FOR SALE
American Saddlebred Horses
Carriage & buggy Horses

SPECIAL
One load of Kentucky saddlebred horses from Don Boring Stables at the New Holland Sales Stables,
Mon, December 22 - 12 00 p m

Due to amount of horses Don brought for our last sale, we held some for this sale
Horses hitched at 9:00 a.m.

J.Z. NOLT
R.D. 1 Leola, Pa. 17540
717-656-9711

SWINE

If you have swine to sell or buy - check our swine column It is read weekly by thousands 717 394-3047 or 717-626-1164

YORKSHIRE AND LAND RACE boars and gilts of all ages Pseudorabies negative tested boars for sale at all times Production tested, cer ified meat tested, Show winners with many car cass champions Daily drive in and drive out service Reno H Thomas Beavertown, PA 17813 717 658 5821

For Sale Hampshire & Berkshire boars, delivery available, Terr Bennecoff & Son, 215 285-6582

For Sale Purebred Duroc boars, open & bred gilts all age breeding stock, certified herd #82 Ph 717 733 2310 W F Ruoss, 126 Irene Ave , Ephrata, Pa 17522

For Sale Chester White & Spotted boars & gilts Can deliver James Parlett Airville, Pa 717 862-3610

For Sale Spotted boars 6 littler mastes and full brothers to 1980, York Co First on foot & cham pion carcass barrow Hobart W Muller, New Oxford, Pa 717 624 2320

For Sale - Service Age Chester White Boars, crossbred feeder pigs can deliver Doug Han cock RD 1 Honey Grove PA 717 734-3619

For Sale Registered Hampshire service age boars from Pseudorabies free herd Blue Mt View Farms, 717-867 2890

150 feeder pigs 60 80 lb each 150 feeder pigs 30 50 lb , Duroc Yorkshire and spotted boars and open gilts Calvin Lazarus, Whitehall PA Lehigh Co 215-799 3375

SWINE

Yorkshire Service age boars Red Run Farm RD 2 East Berlin PA 17316 717 292 4634

For Sale Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines Willow Glen Farm, R2 Strasburg Pa 717 786 2562

Registered Hampshire Boars and Gilts for Sale Three monthsold Call 215 562 8766 after 6 00 P M

15 Yorkshire boars service age and raised in group lots for commercial use Miller's Yorkshire Farm, Craig E & Richard D Miller, Rd 1 Box 1366 Spring Grove PA 17362 717-225 1926

12 brood sows 1 second litter breed Ervin M Horst, RD 1 East Earl PA 17519 Lancaster Co

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For Sale 4 open gilts $125 each 717 442 8336

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Lititz, PA
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SWINE

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Merry Christmas

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Lebanon, PA 17042
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For Sale 9 units of Poverty Hollow Burkgov Demand 717-393 4732

Wanted to Buy Osborn dale Ivanhoe and Roman dale Dividend Performer For Sale Conductor $60 Jerry $85 Creek, $27 Locust Glen, $14 Lucky Royal $18 Tradition $60 814 793 4202 or 814 793 3683

For Sale Simmental semen from Johnny Reb s Pride PB17 grand cham pion get of sire at Iowa Livestock Expo Lauxmont Farms Rd 1 Wrightsville PA 717 252 3640 weekdays between 8 30 a m & 5 p m

For Sale 4 straws Tamlane @ $25 00 8 straws Mark A @ $15 00 semen Chester Co 215 942 2090

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AgStar hog & cattle heated waterers, rotary hog feeders, stock tanks, medication tank waterers, 40-60 80 bu round feeders replacement feeder bottoms, cattle gates, hog & cattle panels & pipe gates nipple waterers Trojan waterers Magic Ray gas heaters Allflex hog & cattle tags, automatic cattle head gate cow water bowls, medicators, Hot Shot repair service & parts Animal health products & feed grade medications our specialty Our specials run all year

ZIMMERMAN ANIMAL HEALTH SUPPLY
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Semen For Sale Elevation Apollo Ivanhoe Star Ivanhoe Jewel Kingpin, Astronaut Sunnyside Standout Rocket & many others, Discount for volume & cash 814 422 8758

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Concrete hog slats made in length from 4 ft to 12 ft
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For Sale - Marting Smidley hog feeder 16 hole good condition 215 445 4897

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Custom built farrowing hutches Amos A Zook, Jr , R D 1, Box 189A Gap, Pa 17527 Lan caster Co 717-442 8336

FOR THE BEST AND THE MOST DIVERSIFIED HOG EQUIPMENT COMPANY LOOK TO

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Chicken manure for sale will deliver Call 215 273 3097 or 717 442 4598

Wanted-Heavy hens
We buy sell and haul all kinds of poultry Yank s 215 494 4578

For Sale Misprint egg cartons, $15 per 1,000 Call Eddie 717 665 5927

POULTRY & SUPPLIES

Wanted good used farm egg packer, 40 50 cph 717 733 8390

TURKEY & CHICKEN HOUSES Insulate with sprayable URETHANE FOAM Save heat Eliminate condensation Keep cool in summer For tree estimate call Conestoga Chemicals & Plastics Inc 717 397 3724 Call Anytime

Eggs Wanted Brown some white fertile prefer red unmedicated essen tial no cage houses, 5 to 50 cases a week Write P O Box 366 J 155 c/o Lancaster Farming Lititz PA 17543

For Sale 1 Egomatic Grader (Model DP 15 6 R) 6 grades 1 Take Away Conveyor (Model DD P 15 6 R) 1 Ego Pak (Model E P 6 S), Vacuum Lifter System, S C F Transfer Unit 2 Row Kuhl Egg Washer with brush clean ing system and positive sanitizer (All in Good Con dition) 2 Willauer egg col lectors and 88 Willauer Roll Away nests Best of fer for any or all of above
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ARLINDA CHIEF	$280 00
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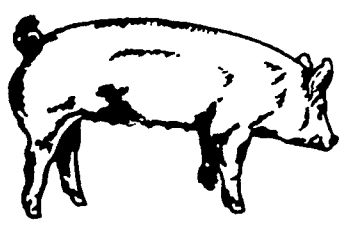
MERRY CHRISTMAS & HAPPY NEW YEAR

We Would Like To Remind You Of Our Upcoming Sales and Events:

PA FARM SHOW - Jan. 10-16, 1981
KEYSTONE CLASSIC - March 1981
As Well As Our On The Farm Sales:



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March 28, 1981
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HISEX NUMBER 1 BIRD IN NORTH CAROLINA R.S.T. - FINAL RESULTS 21st. NORTH CAROLINA R.S.T. 1979-1980

	HISEX	SHAVER 288	DEKALB XL	H&N-PG2	HYLINE W-36
Income Over Feed & Chick Cost	3.203	2.890	3.025	2.934	2.541
% Growing Mort	1 7	1.3	0.8	2.3	3.0
% Laying Mort	6 3	5.9	8 9	11.9	17.2
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Value of Eggs	($) 11 15	11 11	10.77	10 89	9.65
Value of Meat	($) 0.40	0 46	0 42	0 39	0.37
Eggs/H.H	271 0	265 3	255 6	257 5	223.8

HOW MUCH WOULD 31¢ MORE PROFIT PER BIRD AMOUNT TO ON YOUR FLOCK?

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Sell direct to us for cash.
* Fowl
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* Bantams
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* Rabbits
* Guineas
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Buyer of shelled or ear corn John J Hoober, Inc, Gordonville, Pa Ph 717 768-8481 or 768 3216

For Sale - Brigh 1 Wheat straw, mixed hay, 1st & 2nd cuttings, will deliver Stump Acres York Co 717 792 3216

For Sale - Oyster shells Contact Nelson Weaver & Son Inc Lititz, Pa 717 626 8538

32% LIQUID PROTEIN from manufacturer Wholesale, retail dealer inquiries invited 301 343 0343

Wanted Ear corn good quality only Will pickup at your farm Ken Mike RD 3 Schuylkill Haven Pa 717 739 4586

ProLasse 8%
All Natural Molasses Base Liquid Protein Make sweet feed with any PTO mixer From manufacturer Wholesale retail dealer inquiries invited 301 343 0343

For Sale Wet brewers grain 201 875 5182

For Sale Doeblers Penna Hybrid still top numbers available Discounts till Feb Daniel Esh Strasburg East on 741 Paradise Rt 1

Wheat Straw, bright in color 717 786 3740

For Sale straw Bern ville Pa 215 488 1965

For Sale Timothy & orchard grass mixed 1st cutting, no rain $1 50 a bale 717-246 1046

Hay For Sale 215 598 7061 598 3001

Wanted Dryed shelled corn 215 593 6094 Chester County

For Sale Wheat straw at barn or delivered locally Per bale or per ton Manheim 717-665 4434

Wanted to buy good hay and straw delivered to Northern VA Contact J H Mears Milling & Feed Amissville VA 703 937 5454 days

500+ tons top quality 1st cutting Timothy Clover hay at one location Will sell 1 ton or all to one buyer Locted Central NY 315 331 7680, 331 7607, 826 3648

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Wanted to Buy Large quantity of cord wood 516 288 4324 evenings

Wanted Large quantity of horse hay 516 288 4324 evenings

For Sale Alfalfa seeds 8% discount if paid in December Lancaster Co 717 786 3435

Dry shelled corn Mercer County 814 786 7735

For Sale Timothy hay no rain Ph 717 758 4066 Northumberland Co

For Sale Approx 40 tons Agway 849X ear corn $110/ton. Make deal before Jan 1st, take at convenience Fulton Co 814 735 4408 or 814 735 4727

For Sale ear or shell corn will deliver Call 215 932 3130

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Early cut timothy, light mixed at the farm or will deliver
Plus Oats & Oat Straw
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May this spirit of reverence and re joicing spread its wonder throughout your daily lives Happiness to you!
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Good Quality Only
Will pickup at your farm.
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- Hybrid Seed Corn
- Seed Grain
- Baler Twine

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Now contracting new crop corn and beans
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Ask for Jim
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RD #1, Marietta, PA
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CHECK OUR LATEST PRICES on CONTRACTING CORN and SOYBEANS
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Will deliver free in Lancaster area
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Will clean heifer barns, chicken houses with Bobcat loader 215 869 2160

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Masonry and carpenter work on houses, dairy, pole and frame barns Also spouting and drywall Aaron K Smuker, RD #1, Strasburg, Pa call Abe evenings 717-442-8535

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Strasburg, Pa 17577
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after 6 p m
No Sunday Calls

HELP WANTED

Area Sales Manager position Aggressive, creative & highly motivated person to sell field-bottom unloading silos in 16 County area Prefer Bedford-Fulton Co residence as this would be the center of the area Must have agricultural background & have at least 10 yrs of successful selling of agriculture products Pay & benefits commensurate with ability, experience & productivity Reply to Box 366 JH 137, c/o Lancaster Farming, Lititz, Pa 17543

Assistant herdsman for large modern dairy operation, Lancaster Co , Write Box 366 L-124 Lancaster Farming, Lititz, PA 17543

Experienced help to operate modern farm equipment and feed cattle, housing privileges, 215 869 2527

Student to work on New Jersey dairy farm, room, board, wages 201 439 2308

Part time work on broiler farm 6 room house for rent to same party Tenant can have a full time job References 717 569 1584

Mature person to maintain grounds of estate in Delaware County, including groomed lawns and plantings, pasture with small herd of steers and vegetable garden Must have experience in these areas and of farm machinery 3 bedroom cottage provided Send resume and references to PO Box 366 L 125 Lancaster Farming Lititz, PA 17543

Mature responsible experienced farmer needed to manage and take care of crops and maintain facilities, good salary and benefits, 201-891 8340

Immediate opening for young aggressive individual or couple looking for a future as a layer production and farm manager with a growing firm in northeastern Penna Pay and benefits to commensurate with ability, experience and productivity Housing facilities provided Reply to P O Box 387 Ephrata Pa 17522

Full time job on 900 acre Lehigh Co grain potato & poultry farm Experience in general farm work preferred House available Donald Lichtenwalner Farms, Macungie, Pa 215 965 5214

Parttime dependable spreader truck operator Zook & Ranck, Inc , Rd 1, Gap, PA 17527 717 442 4171

Experienced person to work with small registered Holstein herd House and benefits available Jan '81 Experience preferred 215 837-6840 Northampton Co

Experienced herdsman and milker for 200 cow dairy, M E Childress, Rockville, VA 804-749 3565

EMPLOYMENT OPPORTUNITY
Al Technician to work in Frederick Co , MD Guaranteed salary plus commission Company supplied vehicle & equipment Medical & Life Insurance benefits Applicant must have dairy experience & be aggressive
Reply to
ROBERT E. KELLER
8 Creekview Dr
Carlisle Pa 17013
or Phone
717 486 7168

HELP WANTED

Manager needed for horse farm in Bloomsbury, NJ Must be self motivated, good salary and benefits, 201-891-8340

Experienced person to work with reg Holstein herd, house and benefits, etc Available Jan '81 State previous experience and references Send reply to PO Box 366 A-2, c/o Lancaster Farming, Lititz, PA 17543

HELP WANTED

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Person for Animal Husbandry For Growing Embryo Transfer Business.
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World's Largest Manufacturer of agricultural generators seeks 2 reliable, experienced persons for sales of a complete line of power plants. Full time opportunity available. No investment. Southeastern PA area. Call Winco Generator Sales and Service:
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Retail oil delivery driver, must be somewhat familiar of Gloucester Co. area. Top wages for a productive individual.
Send resume or Call
THE OIL MAN CORP.
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WE ARE LOOKING
for an aggressive farm equipment sales person with van or pickup truck to work on a commission on all sales to farmers. The territory includes Lancaster, Berks, Chester, Dauphin and York Co.
With the right person, earnings in 6 months could easily exceed $15,000.
Respond to
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P.O. Box 366 R-33
Lancaster Farming
Lititz, PA 17543

HELP WANTED
Grain system specialist. Must be experienced in all areas of sales, service, and installation. Should have experience in commercial and farm systems. To $15,000 salary and commission and company car and expense account. Must be willing to travel overnight.
Send resume to Box 366-J-132,
c/o Lancaster Farming,
Lititz, Pa. 17543

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Penn Dutch Farm Systems, Inc , is seeking experienced oxygen-limiting bottom unloading silo sales representatives Maybe you have noticed our presence in the field, SEALSTOR is growing very rapidly in this area We have several good and protected territories open in Central and Eastern Pennsylvania, Maryland, and New Jersey, and will give you an area to cover that will allow you to be successful
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New Holland, PA
(717) 354-4051

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Experienced young Christian couple looking for farm to rent Dairy, but will consider other, Spring '81 Phone 717-626-8228

Well experienced registered Holstein man, single, desires position as working manager/herdsman with or individual wanting to develop outstanding herd Prefer Southern PA, MD area, Write Duane Comstock, Box 114, Almond, NY 14804

Farm Manager for dairy or hog operation, experience with equipment PA Perferred 717 653 1634

17 year old Mennonite farm boy wants work with feed mill or contractor 215 445 6837

Christian, single young man 19, desires job on dairy farm Kenneth Fultz, Rd 2, Box 121, Sunbury PA 17801 717-286 5037

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GREAT DAIRY OPPORTUNITY!
I am developing a fence supply business Am looking for someone to take over operation of my dairy farm Open to proposals
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- Buy cattle & equipment - Rent land & buildings
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Looking for a business of your own - outdoor work with power equipment? Contract fence builders are needed for the new type of livestock & predator control fences - High Tensile Wire Fences using U S Steel MAX-TEN" 200 wire & Koppers pressure treated posts
Secure, long lasting, economical, & easy to install The fences of the future
You can easily clear $100 to $300 or more per day We can supply the job leads for you
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Contact Immediately
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KENCOVE FARMS
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Experienced young Mennonite couple looking for dairy farm to rent, 25-30 cows Have cows and machinery. 717-867 4808

Christian couple desires to rent dairy farm in Chambersburg Mercersburg, PA areas, Ph 301-797-6460

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You will be calling on farmers dairymen in particular with a complete line of farm and dairy supplies Training is provided A minimum investment may be required Areas open include the following PA counties Bedford Blair Union Snyder Lycoming and Northumberland
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Stock No 1039
BRAND NEW 1981 DODGE ARIES K. KAR CUSTOM 2 DOOR. Pearl white with cloth & vinyl bench seat 4 speed 2 2 litre engine left remote control mirror vinyl side molding inside hood release bumper protective rub strips day night inside mirror G175x75R black sidewall radial tires **FRONT WHEEL DRIVE** and **SIX PASSENGER SEATING.**
$6266

Stock No 1012
BRAND NEW 1981 DODGE ARIES K-CAR SPECIAL EDITION 2 DOOR SEDAN. Pearl White with tan vinyl bucket seats light package power disc brakes console mounted automatic transmission 2 6 litre engine digital clock deluxe time delay wipers vinyl body side molding power steering road wheels white sidewall radial tires **FRONT WHEEL DRIVE.**
$7566

Stock No 1022
BRAND NEW 1981 DODGE ARIES K-KAR CUSTOM 2 DOOR SEDAN. Light seaspray green metallic cloth & vinyl bench seat torqueflite transmission 2 2 litre engine left remote control mirror vinyl body side molding P175x75R13 white sidewall glass belted radial tires
$6766

Stock No 1037
BRAND NEW 1981 DODGE ARIES K. KAR CUSTOM 4 DOOR. Light seaspray green metallic with cloth & vinyl bench seat basic group power disc brakes automatic 2 6 litre engine lower body vinyl protection vinyl body side molding upper door frame moldings heavy duty suspension
$7366

Stock No 1010
BRAND NEW 1981 DODGE ARIES K-CAR CUSTOM 4 DOOR SEDAN. Burnished silver metallic with red cloth & vinyl interior torqueflite transmission 2 2 litre engine remote control out side mirror vinyl body side molding upper door frame molding power steering white sidewall radial tires, front and rear bumper guards **FRONT WHEEL DRIVE AND 6 PASSENGER SEATING.**
$6866

Stock No 7558
BRAND NEW 1981 DODGE OMNI MISER 4 DOOR HATCHBACK. Glencoe green metallic vinyl bucket seats 4 speed manual floor shift 1 7 litre engine P15580R13 glass belted radials
$5666

Stock No 1036
BRAND NEW 1981 DODGE ARIES K-KAR CUSTOM 2 SEAT WAGON. Baron red vinyl bench seat 4 speed manual floor shift 2 2 litre engine left remote control mirror lower body vinyl protection heavy duty suspension power steering P175x75R13 white sidewall glass belted radials
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MORE GREAT BUYS ON '80 & '81 DODGES

Stock No 7008
BRAND NEW 1980 DODGE COLT DELUXE 2 DOOR HATCHBACK. Front wheel drive bucket seats handling package 4 speed transmission 1400cc engine body side moldings AM radio trim wheel rings P15580R13 white sidewall steel belted radials Cream in color
$5666

Stock No 0099
BRAND NEW 1980 DODGE W-200 FOUR WHEEL DRIVE SNOW COMMANDER. Light green metallic with cloth & vinyl bench seat 360 engine 4 speed 63 amp alternator 70 amp battery dual gas tanks rear step bumper clearance & I D lights 6x9 low mount bright mirrors 950x16 5E mud & snow tires snow plow package power angling blade power steering
$9666

Stock No 0169
BRAND NEW 1980 DODGE D-100 SWEPTLINE PICKUP. 131 wheelbase Medium crimson red metallic 318 engine automatic transmission cloth & vinyl bench seat power steering
$5666

Stock No 1078
BRAND NEW 1980 DODGE ASPEN 6 PASSENGER STATION WAGON. Teal tropic green metallic with tan vinyl interior Power steering automatic transmission custom package cargo compartment carpet 6 cylinder engine tinted glass air conditioning air deflector luggage rack white sidewall radial tires
$6366

Stock No 2033
BRAND NEW 1980 DODGE DIPLOMAT 2 DOOR HARDTOP. Natural suede tan with tan cloth & vinyl interior power steering automatic white vinyl roof conventional spare tires white sidewall tires
$5366

Stock No 0186
BRAND NEW 1980 DODGE D-200 SWEPTLINE PICKUP. 131 wheelbase 318 4 speed Dark cashmere metallic 6x9 low mount bright mirrors bright front bumper power steering 7500 GVW
$6266

Stock No 0209
BRAND NEW 1980 DODGE W-150 SNOW COMMANDER. Dark teal metallic 318 engine automatic transmission maximum cooling auxiliary transmission cooler 63 amp alternator 70 amp battery dual gas tanks rear step bumper clearance & I D lights spare tire carrier in side bed power steering 700x15D mud & snow tires (5) Snow Commander package convenience package
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Stock No 1059
BRAND NEW 1980 DODGE ASPEN 2 DOOR SPORT COUPE. Eggshell white with cloth & vinyl seats 3 speed transmission 6 cylinder white sidewall glass belted radial tires
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78 Ford LTD II Brougham 4 dr auto , AC, PS, PB exc cond One owner 215 932 2508

TRUCKS & TRAILERS

For Sale 73 White COE, 270 Cat, turbo, 13 speed trans 11 24 5 tires twin screw, completely overhauled 215 445 4280

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Energy Hyd truck hoist Sales & Service, Anderson's Repair Shop, Rd 1 Felton, PA 717 244 2039

For Sale Carry out specials Pickup truck windshield, 1973 to 1979 Ford clear $76, shaded $87 1973 to 1980 Chevy clear $74, shaded $84 215 384 0593

For Sale 77 Chevy pickup, 350 cu inch, AT PS, PB, good mileage good condition 215 445 4280

1975 C65 Chevy with 16' aluminum grain body made by Eby Air brakes, 1020 rubber Call 215 255 4311

Fruehauf aluminum dump trailer 22' bed with 22" rubber Price $4500 Shippensburg 717 532 9271

For Sale Int Transtar sleeper cab w/Ti Brook aluminum dump trailer Ford 10 wheeler with Morgan dump box 814 422 8758

For Sale 1968 Int 1800 Load Star excellent condition with Midwest twin cylinder grain dump body 215 256 9343

UTILITY TRAILER SALE December & January Special 201-446 9209 Open 7 days

61 GMC 14' grain bed in good shape with hoist Motor & drive train in good condition Cab needs work $1200 717 792 1366

1973 R600 Mack single axle NORM SHORES & SON 717 265 9014

67 Ford C 850 10 wheeler, 534 V8 10 00x20 tires 8 speed trans , heavy 17 dump body, 609 298 4527

10 ft heavy duty snow plow with swivel for dump truck Call after 7 p m 717 949 3074

SEPTIC TANK CLEANING TRUCK 1973 F700 FORD WITH LELY VACUUM SYSTEM, 1500 GAL TANK COMPLETELY RECONDITIONED, NEW CAB PAINT BRAKES, ETC LIKE NEW $12,500 AFTER 6 215 348 2123

For Sale 1960 Chev dump V 8, 26,000 GVW 717 799 0019

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AIR COMPRESSOR
• With D282 IH Diesel Engine
MOUNTED ON IH 1600 LOADSTAR
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TRUCKS & TRAILERS

For Sale - 1965 GMC V-6, 12 foot stake body 717 799-0019

1968 C60 truck, new 900x20 rubber 18' tread plate bed with 22 ton hoist and grain sides hay rack for over the cab, 26 000 GVW 717 382 4173 York County

For Sale 1974 Ford custom dump truck excellent condition, new inspection Ph 717 548 3411

Wanted 16' Trade wind grain truck body, 1830 Moline or 830 Oliver chopper must be in good condition 302 684 8601

1967 1800 International Cab over van feed truck, hoist and Sprout Walden blower Very good Lancaster Co 215 932 9522

1978 Jeep pickup, 8400 GVW, Quadratrac, P S , P B , rustproofed, 26,000 mi , stereo, EZ Dumper, new snowplow, $8800 New price over $16 000 1972 Datsun pickup 110,000 mi , custom cab, cap, 30 mpg , Body and rubber good, needs valve job, $1250 717 677 6721

1972 Ford pickup, new clutch new inspection, good engine good tires, high mileage $600 Lancaster Co 717-284 4342

78 Chevy 3/4 ton 4 wheel drive pickup 350 auto PB, PS, 24,000 miles, exc cond $4850 717 859 3291 or 717 733-4884

1948 Dodge fire truck, 500 gal tank 500 gal GPM pump, Contact Martindale Vol Fire Co Martindale, PA or call 215 445 4212

For Sale 1977 Chevy C30 4 wheel drive with 28 Gooseneck cattle trailer 814 793 3731

Complete milk transfer Jabsco pump, model S 100 with rubber & peller for truck, complete with electric motor, automatic rewind cord large 4 way valve, hoses, good condition, best offer Contact Martindale Vol Fire Co , Martindale, Pa or call 215 445 4212

64 Chevy 10 ft cattle truck, 6 cyl , very good cond just inspected, $700 or best offer 215 269 1343 from 9 A M to 6 P M or 215 269 3517 after 6 P M

For Sale 1971 International tandem axle grain truck 18' bed 201 439 2430

1968 International Truck C1800 22 ft box, excellent condition Ready to go, must sell Make offer, 717 738 1296

69 Ford F800 Tandem 15 Dump $4500 00 1972 Chevy C 60 15 Dump DIESEL air Brakes $9500 00 AUTOCAR Tri Axle 19 Alum Dump 318 Jake $12,500 00 30 Fruehauf Alum Dump $9500 00 60 Ton Rodgers Lowboy $5500 00 Other, Trade, Finance 814 793 2829 Curry Supply

5th wheel hitch for pickup truck, new, half price 717 898 7746

56 Studebaker pickup V 8 & overdrive 8 bed asking $300 717 898 7746

75 GMC 3/4 ton $2195 73 Mazda RX3 $1295 70 Chrysler New Yorker fully equipped $375 69 El Camino $695, 67 Chevy station wagon $325 717 442 4415

F750 Ford with 24 Grove rollback, air brakes PS 10 00 x 20 tires, 14 900 miles, $16 500 717 354 0266

79 Ford F150 pickup truck 4 whl dr 17,000 miles 6 cyl Myers power angle snow plow AM FM 8 track radio CB & running boards & cap Asking $7600 or best offer 215 269 1343 from 9 A M to 6 P M or 215 269 3517 after 6 P M

79 Ford F150 ½ ton pickup 351 4 speed 14 000 miles AM FM Zeibert rust proofing exc cond $4150 717 859 3291 or 717 733 4884

TRUCKS & TRAILERS

For Sale 4000 lb Tow motor forklift, hard rubber wheels, 4 cyl , excellent condition $3800, trailer tilt bed 7x14 ft 8 ton, 2 axle, 4 wheel $1100, Call 8 a m - 5 p m 215 363-1800

'77 Ford Pick Up, 350 1 ton heavy duty for pulling trailers Runs and looks great $2300 firm Call 215 384 5724

For Sale 1971 Chev truck with boom type lime and fertilizer sower 2nd owner 33,000 GVW 717-624 8124 Adams Co

For Sale 1972 Ford F 500 with 14' livestock body, good condition, 914 457 3774 after 7 p m

TRUCKS & TRAILERS

For Sale - 1965 GMC 4000, V 6, 22 ft bed, $1,250 Also, 1972 International 1800 cab and chassis will take 22 to 24 ft bed Both good hay trucks Phone 717-432-4598 after 5

For Sale - 1973 Int grain truck, 26,000 GVW with new 16' Midwest body & new 14 ton hoist 717 865 6710

Cattle Cap 8x6 for 1970 bed, 9 6 ', 17 overhang, wood, S S Top needs work, handmade western saddle for man approx 170 lb 215 384 8836

For Sale - 20 aluminum cattle body 22' wood cattle body 20 wood cattle body M H Eby, Inc , Blue Ball, Pa 717-354-4971

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40' VANS ALL IN EXCELLENT CONDITION
$100.00 PER MONTH
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ALL PRICES REDUCED

Fully Reconditioned One Owner
1980 CHEVROLET BLAZER CK10156
4WD, hardtop, 350 V8 engine, auto trans PS, PB, air cond AM/FM radio, silverado equipment

1975 FORD 16' REFRIGERATED VAN LN7000
175 HP Cat diesel engine, 5 speed transmission, 2 speed rear, PS, AM radio, dual 50 gal tanks, duralite body and new paint

1975 CHEVROLET 20' & 22' VANS TE67
with or without lift gates, 366 V8 engine 5 speed transmission, power steering, radio, new paint

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12' ALUMINUM VAN BODY
1977 Morgan pre-painted white aluminum panels overhead rear door, curb-side door, step level bumper, slatted interior

14' ALUMINUM VAN BODY
1975 Morgan, pre-painted aluminum panels, overhead rear door, curb-side and road-side doors, slatted interior, 2500 lift gate, new paint

14' REFRIGERATED VAN BODY
1975 Duralite aluminum smooth skin, extruded aluminum floor new paint, XMT2D thermoking unit

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

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1977 Datsun, 4 cyl , 4 Speed $3295
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1978 Jeep CJ-7, V8 Auto , PS, Radio $5995
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VANS

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MORGAN 18' stake body, steel in EC, needs floor, $400 Northampton Co 215 767-6628

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1974 INT. TRUCK TRACTOR
Good condition. Also good tires, air cond., newly painted, priced reasonable, $12,500.
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Need puppies will pur chase in litter lots and pickup at your farm or kennel Also, interested in breeding? Call 609 779 1660

For Sale or will consider trade for small mule Rhodesian Ridgeback puppies excellent companion and home watch dog, quality breeding championship bloodlines 717 697 8765

PETS

AKC Reg English springer spaniel ex cellent hunters or show, will hold till Christmas, 717-244-1177

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For Sale AKC Brittany Spaniel puppies nice markings, $60 Call 215 445 7168

For Sale purebred Keeshound pups, 5 wks old, no papers, Perry Co 717 438 3680

Border Collies, registered, 10 weeks old working stock, $125 301 778 1682

For Sale White German Shephard puppies, 4 male, 2 females born Nov 7, 1980 Will have papers and shots starting at $125 each, 717 548 2462

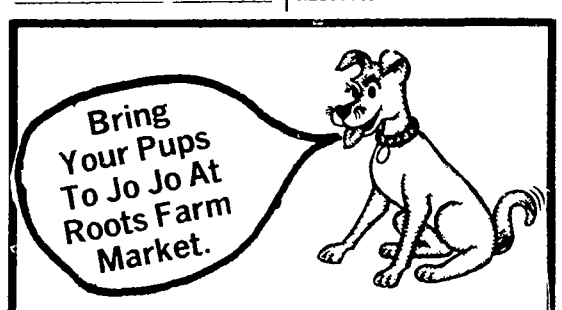
For Sale Cocker and Springer Spaniel cross puppies, real cute good for hunting, ready to sell Dec 22, $35 00 each, Lanc Co 17519 Phone 215 445 5273

AKC Airedale pups for pet sport, obedience or farm work Ready for Christmas, 717 365 3730

For Sale Chihuahua pups, most black with tan and white markings David S Esh 25 Spring Rd Leola PA 17540

WANTED TO BUY

Puppies 7 to 9 weeks old in litter lots Pure breeds and half breeds Cash money paid Will pickup every Wednesday For resale in my pet shop Write to Charles Hackett 3743 N 5th Street Philadelphia PA 19140 or call before 7 p m Mon Tues & Thurs only 215 229 0449, Give breed age color when writing Also some kind of direction Thank you



Jo Jo The Dogman Wishes You A MERRY CHRISTMAS AND HAPPY NEW YEAR
P.S. - No Pups needed to Dec. 30.

NOTICE

FREE FILL
Demolition Company looking for people in terested in large quantity of demolition materials as they become available 717 464 2165

U S Wrecking Inc is looking for customers interested in large truckloads of demolition lumber for firewood as they become available 717 393 2992

MISCELLANEOUS

Wanted Standing timber to buy For Sale Squared locust posts, walnut lumber and all kinds of sawmill lumber and timbers Custom sawing G H Burkett & Sons Sawmill, Elizabethtown, PA 717 367 2791

'Windmills for sale!" Dealers needed also for America s best new windmill, "EAGLE #1" "Free Brochure!" (Toll Free 1 800 431 2353, Op 132) American Wholesale Windmills, Box 261, Stone Mountain, GA 30086

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MEAT EQUIPMENT
Band saws grinders, slicers tenderizers, new splitting saws, $195, walk in coolers G R Grundy Doylesburg, Pa on Rt 75, 200 yrds north of Rt 274 Open Saturday and Sunday 10 A M - 4 P M 717-349 7654

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For Sale Tobacco bale boxes and wood stoves for stripping room etc Jacob M Stoltzfus 2870B Church Road Bird in Hand, PA 17505

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IDEAL FOR FARM & HOME MAINTENANCE
22' to 26'
$2 PER FT
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Conveyors, tanks fillers, washers, S S packing tables, belting, pulleys, sprockets from a canning plant Farm machinery parts 301 452 8452

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Tree Farmer CJ 5 Log Skidder $5500 00 J D 440 Log Skidder $6500 00 1973 JD 540A Skidder $10,975 00 1845 CASE DIESEL BOB CAT $7500 00 Melrose 610 BOB Cat $4500 00 IHC 340 Wide Front Equipped with IHC Heavy Duty Loader $3975 00 Cat D 6 Hydraulic Dozer Winch $9500 00 Cat D 4 Hydraulic Dozer with Winch $4500 00 Others trade, Finance 814 793 2829 Curry Supply

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- Combination Wood and Coal
- Thermostatically controlled
- In Stock now

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Immediate Cash Wanted- Old and Antique Items
Oak round tables up to $500
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REAL ESTATE

350 up to 650 tillable acre DAIRY FARM for Rent or SALE 50 stanchion barn Other buildings Six months free rent Box 231, Evans Mills, N Y 13637 or Tel 315 629 4850

Young Veterinanan/dairy farmer couple wants to lease or purchase farm with facilities to milk 60 100 cows Call 215 444 1058

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Sales Agreement 92 acres of top producing Southern York Co soil 2½ story house bank barn, setup to handle potatoes, about 85 acres tillable, level to gentle rolling land, terrific terms 25% down, 12% interest 20 yrs amortized, 10 yr pay out, $275 000 717 848 3300 After 6 P M 717 244 5824

NY FINGER LAKES REGION
339 acres 180 tillable capable of raising 600 feeder calves yearly, 8 room house with 2 large barns, owner financing, 607 868 3191

Farm For Rent in Lycom ing County Cogan House Twp House, barn grain bin, equipment shed, corn cribs 35 cow stalls horse stable box pens, bulk mik tank, 2 silos, 80 acres tillable 23 pasture with shade and water Write Jacob K Stoltzfus RD #3 Box 195 Danville, Pa 17821

For Sale Perry County 1 to 8 acre woodlots, ap proved PH 717-438 3115

For Sale by Owner 76A crop farm Frederick Co , Maryland with 2 story 4 bedroom brick home in excellent condition Bank barn guest house and misc buildings 60A under cultivation, springs and stream Possible owner financing Contact Dave Tuttle P O Box 1292 Wolfville Nova Scotia Canada BOP1XO

For Sale 41 acre farm, stone house & frame barn, in Drumore Twp Lanc Co 717 548 2236

REAL ESTATE

165 acre Cumberland Co Farm For Sale Near Mechanicsburg, PA Level limestone ground, large barn, brick house, good spring, frontage on creek state highway and by I 81 717 647 2623, 921-2476

FREE CATALOG! Describ ing numerous Penn sylvania farms, camps acreage tracts, cottages homes and businesses Write Dept LF 12 WEST REAL ESTATE AGENCY INC , 2728 Murray Ave , Pittsburgh, Pa 15217

175 ACRE DAIRY FARM
Near Bedford, Pa ap prox 112 acres are tillable, fenced pasture with half acre pond, 15 wooded acres, very at tractive 7 room & bath home with attached 4 stall garage, 50x100 barn with 37 stanchions, 800 Gal stainless steel milk tank, concrete road fron tage, 1½ mile to store, 8 miles to Shawnee State Park Lake, all mineral rights included in the sale No D 4933 WEST REAL ESTATE AGENCY, INC , Office 244 South Richard St Bedford Pa 15522, Phone (81 623 8594

EXCEPTIONAL BUY!
Williamsburg, Pa area handy to state gamelands and 8300 acre Raystown Lake 9½ acre farm for raising horses cattle or crops, well maintained home and barn, 4 bedrooms & 1½ baths charming summer house, poultry house, smoke house corn crib storage cave, mature fruit & nut trees, and a picturesque fishing stream thru the farm, No 5706 WEST REAL ESTATE AGENCY, INC , Office 218 Pleasant Valley Blvd Altoona Pa 16601, Phone (814) 946 7093

THE FARM FOR YOU!
Country living at its best near Troy Pa 71 acre farm, nice 3-bedroom & bath home, 2 car garage & storage shed, large barn with 25 stanchions, 2 wood silos, 30 acres in timbered woods No A 7885 WEST REAL ESTATE AGENCY, INC Office 12 Canton St , Troy, Pa 16947, Phone (717) 297 4046 or 297 2777

REAL ESTATE

34 A plus dairy farm Nr Amsterdam, NY (Mass-NY Market) 175 A till sandy loam 80 A new feeding Remodeled barn with 75 large tie stalls plus 70 heifer stalls, under one roof New 2" DeLaval pipeline new Patz cleaner, 4 silos (largest 24x60), 80,000 sq ft pole barn plus outbuildings Large 2 family home, VG condition, $195,000 Also available 100 Reg Holsteins & Machinery Call owner 518 883 5576

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Farm For Sale Nicely located farm with 65 acres of land Located in Dunn Valley 2 miles East of McAlisterville Juniata Co, Pa Barn & other out buildings 7 room house with bath & a half This farm is located in a beautiful valley with good neighbors Anyone interested in seeing this farm call 717 463 2397 after 5 thru the week or Saturdays anytime or 717 463 2692 anytime

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112 Acre General Farm

Good buildings, big Conewago Creek frontage, 80 acres tillable balance pasture and mature woodland, Close to Harrisburg and York, 1 mile to 83 exit Selling due to death in family, very sincere Exclusive listing

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York, PA 17404

ADAMS COUNTY

Cleared land no buildings, 2 tracts adjoining buy together or separate, near Rt 15 just west of Heidlerburg, 17 acres asking $21,900 and 31 acres, asking $38 900 Exclusive listing

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1545 N Queen Street
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For Sale Single mobile home Clearwater Fla Furnished with screened porch, car port & utility shed Reasonably priced 717 838 3176

30 acres Excellent soil Modernized four bedroom brick farmhouse Various outbuildings Board fenced pasture One acre wooded City water to property Located in Jefferson Boro, York County $155 000 Anchor Realty, Realtor 717 225 3643

For Sale Sullivan Co Real Estate Two 5 acre lots on stocked trout stream One 45 acre parcel on stream with mountain view 717 924 3756

House For Rent 2 miles west of Millersville middle age couple 717 872 2395

COUNTRY ESTATE

Beautiful farmland of 107 acres to raise cattle sheep or horses 32 stanchion bank barn milk house + 3 other outbuildings all in excellent condition Lovely remodeled 4 bedroom home Land fronts on Route 14 North in Bradford County For more information write to CENTURY 21 Denis Jones Real Estate, 153 W Fourth St Williamsport, Pa 17701 or phone 717 326 3578

House for sale by owner, Lititz Pa 2½ story brick 3 bedrooms, 2 baths $59 900 Will finance @ 14½% with down payment 717 626 8257

REAL ESTATE

For Sale, Lease or article of agreement Dairy Farm Huntingdon Co 180 acres, 135 tillable, 45 pasture, 44 freestalls, new 4 unit pipeline milker, 500 gal milk tank, new 20x70 silo with unloader, 60' automatic feed bunk, 15 ton feed tank, 12x60 mobile home on foundation 24x60 double wide home with basement, near schools, churches and shopping center Write for appointment P O Box 366 L 123 Lancaster Farming, Lititz, PA 17543

For Sale by Owner 152 acre dairy or beef farm in Snyder Co, Pa Two silos $1300 per acre No Sunday calls 717 374 9151

#714 For Sale - 69½ acre farm, 95% tillable, zoned agricultural and commercial 2½ story home plus numerous farm buildings Reduced to $189,000 Call Red Wagon Realty 717 274 2875

#711 11 Acre Farmette with 6 yr old ranch home loaded with extras and a 24x64 frame barn 5 miles north of Lebanon, $89 900 Call Red Wagon Realty 717 274 2875

For Rent - Recently remodeled eight room farm house near Gratz Please send replies to Box J 154, c/o Lancaster Farming Lititz PA 17543

Wanted to Rent Dairy farm for about 40 cows Early Spring of 1981, Central PA 717 529-6728

282 acre farm, 145 tillable, balance in woodland & pasture, 2 houses & a barn, $300,000 717 436 8309

MODERN DAIRY FARM - A gem of a farm, has 260 acres, some woods, remodeled 5 B R house, loafing barn, silo milk house, many many extras in northern Franklin County Owner Financing For Additional information contact DUANE B DILLARD, REAL ESTATE 717 328 5532 or 717 328 3953 Mercersburg, Pa

Dairy Farm for Rent Huntingdon Co 125 acres with 6 room house, bulk tank, 40 stalls, 2 silos etc, 814 447 3203

105 acres of land, Snyder County, Mifflinburg Middleburg area ½ tillable plus pasture and woods, very accessible $650 per acre 717 473 3425

For Sale 19 ac farm, 2 houses, barn, corn crib, 2 story 8 car garage, Montgomery Co, Pa $120,000 215 754-7012

For Rent 4 room house, middle aged couple, nice yard and parking Neffsville Lancaster Co 717 569 1170

LEASE QUALITY DAIRY CATTLE
Various plans available
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Wanted to Rent Barn in Ephrata/Brownstown area suitable for small purebred swine operation Ph 717 733 2310

87 a farm near Shippensburg Cumberland Co Pa Ph 717 537 4586 or call New Holland 717 354 5056

Wanted Farming land to rent in Lancaster Lebanon & Berks Co Will pay top price 717 733 4516

Firewood distributors wanted, we cut, split & load your truck or can deliver trailer loads Ph after 5 717 494 1626

REAL ESTATE

For Sale 98 acre hog farm at Clay Hill, Franklin Co, PA, brick house, garage, barn, silo and other hog barns, Limestone soil, Robert F Crider Realtor, 14 N Main St Chambersburg, PA 17201, Ph 717 264 8528

2 FRANKLIN CO. FARMS
Near Willow Hill
77 acres house & barn $96 000
104 acres w/lovely home & barn $150 000 Owner will finance
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LARGE DWELLING FOR SALE
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Eight rooms, 2 baths suitable for conversion into two family house or offices Large attractive yard Sale outright or terms 11% with low down payment
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90 Acres

Grazing and crop farm for either cattle or horses Featuring a stately home 2 barns tenant house outbuildings Large spring and pond Fantastic show farm potential One of the finest farms we have had the pleasure to offer

50 Acres

Nice feedlot operation that will handle 200 head 2 Upright silos plus bunk silo Large barns & machine shed Excellent brick home Good Spring

161 Acres

Feedlot operation with a 24x60 upright silo with automatic feeder 6000 bushel high moisture bin About 100 acres of crop land Older Virginia farm house for gracious living

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145 acre dairy farm, 5 miles north of Allentown and Bethlehem Freestall barn for 200 head plus other buildings Also 500 gal per hr milk processing plant 5 Harvestore silos, new USDA approved slaughter house with grocery store attached Living quarters for 4 families, some owner financing Call for more information

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REAL ESTATE

MONTOUR COUNTY

45 stanchion dairy farm, silo, 83 acres, approximately ½ tillable.

DAIRY FARM

30 stanchions, 119 freestall barn, barn cleaner, pipeline, bulk tank, silos - 24x60 & 16x50 with unloaders, 3 bay equipment shed & 14 acres A 4 bedroom house & a 3 bedroom house. East of Rt. 15, Williamsport, PA.

DAUPHIN COUNTY

58 acre dairy, space for 30 cows, 3 silos & equipment buildings, loafing area or steer stable. 30 acres more can be leased Financing at 9%.

CLINTON COUNTY

140 acres, $700 per acre

NORTHUMBERLAND COUNTY
Dewart

97 acres, river bottom soil, 56 stanchion dairy

COLUMBIA COUNTY

70 acres, general, 52 acres tillable.

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167 acres 90x95 tillable large 11 room house semi secluded Priced less than $750 per acre

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211 acre dairy farm barn w/46 stalls 3 silos horse stable implement shed corn crib meadow w/stream 2½ story dwelling ideal situation for second set of buildings Hagerstown limestone soil

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137 Acre Mod Dairy 63 stalls 1 000 gal tank Surge Pipeline w/6 units 2 barns 3 storage sheds Frame House 5 bdrms 1½ baths

MONTOUR CO.

110 Acre Farm Frame Barn Horse Barn Implement Shed & 2 Silos Eastern Coop Milk Market Frame House

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REAL ESTATE

FARMS FOR SALE

265 Acre General Farm 200 acres tillable Rising Sun MD

179 Acre Dairy Farm 120 acres tillable with 2 sets of buildings near Oxford

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22 5 acre horse farm 2 story home with 4 large bedrooms in good condition Also includes in ground swimming pool Cochranville area

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148 A General Farm in Hegins Valley E of Gratz
160 A dairy Cumberland Co
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100 A General Farm Lebanon Co
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85 A Dairy Chester Co
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7½ A Woodland Northern Lancaster Co
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50 ACRE FARM

16 tillable 20 pasture fence with creek Some woods 4 bedroom home, good condition, 2 yr old 50 x 68 heated building with water and electric Suitable for shop, veal with pigs etc 45x60 barn with 32x60 overshot, loafing area, 5 bay implement shed 20x20 block butcher house other outbuildings, Beautiful View! Mifflin Co

$89,500 **Owner 717-899-7418**
Adjoining Land Available
77 acres, 11 tillable **$550** per acre
51 acres 7 tillable, **$550** per acre

REAL ESTATE

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64 acres California Hollow, Centre Co, level to gentle rolling Unpolluted stream flows thru Marketable timber bldg sites, shale bank $36 000/owner financing

30 acres 2 miles from Sayers Dam, Howard, Centre Co Level, good access, marketable timber bldg sites $23,750

14 acres Marsh Creek, Centre Co Gentle slope, excellent access Open and wooded great hunting and fishing Bldg sites $15 400/owner financing

Also available 60 150 acre tracts No buildings, tillable and wooded Create your own farm and/or buildings

Please call Miles Clevenstine Realtor Assoc
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110 acre Grain Farm $120,000.
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23 ACRE FARM with large barn and silo in Southern Chester County Two story frame house with 3 bedrooms Nice location with country farm setting Would be ideal for horses or the family who loves lots of pets and animals Asking $111 900

CHESTER COUNTY 103 acres open land no buildings priced so you can build the most efficient building for any farm enterprise This land has a good soil type and is well drained A stream flows through the 20 acres of woodland

NORTHERN CHESTER COUNTY FARM 72 acre farm with 2 story stucco over stone farmhouse large stone barn in beautiful condition springhouse and good ground Good for the investor too! $374 000

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REAL ESTATE

REAL ESTATE

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100 acre limestone farm, large barn, nice set back from road, good fences
We have several nice tracts of mountainland
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100 Dairy and cash crop farms for sale Central New York 50 200 cow farms with 100 acres to 1000 acres Send for our free farm list or call collect for an appointment after 8 PM or before 8 A M

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LEASE

200 acre Central Lancaster Co. Dairy Farm, loose housing setup for 160 animals. Double 5 parlor with new tank & equipment. Four residential units on farm, $7800 per mo.

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Country Estate, secluded on a 10 acre tract Having 4 bedroom log & stone home Surrounded by trees, plant specimens gathered from up & down the coast, lily pond & large workshop Owner financing available Asking $125,000

Campground Investment. Having inground pool, store & 2 homes Adjacent to Gettysburg Battle field

91 Acre Tract East of Gettysburg, having hard road frontage & possible railroad siding. Also subdivision approval for developer Asking $2000 per acre

2 Nice Farms in Gettysburg First having approx 40 acres with stream & 4 bedroom home $108,000 Second having 110 acres with 3 rental units. Also outbuildings & owner financing available, $185,000

FOR SALE FARM SEPARATELY OR FULLY STOCKED & FULL LINE OF FARM MACHINERY NONE OVER 2½ YEARS OLD

Dairy farm in the heart of fertile Cumberland Co. Modern 10 yr. old ranch, 4 B.R., 2½ baths, L.R., D.R., 2 kitchens, family R., large Rec. room with fireplace, 12x55 house trailer, lrg. inground swimming pool, freestall barn for 700 cows, 5 acres of fenced pasture, 79½ acres grain & hay, 2 car & 3 car garage, grain storage, 5 silos. Was a jugging operation, all equipment there, now selling to Holly Milk Plant in Mount Holly Springs. Computerized milking, full line of machinery & 70 head of Holsteins. Raising own feed.

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Ask for Dolly

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RAISES 100% OF FEED LEVEL LAKE BOTTOM SOILS this 233 acre Cayuga Lake bottom farm will spoil you, has 160 tillable in large easily worked fields 36x100 block pipeline barn with 3 silos, cleaner Easily expandible 40x110 calf & heifer barn w/feeder 40x65 sheet metal machine storage Well-built 4 bedroom home, custom kitchen, 3 bedroom mobile home A good family farm in a most desirable area $284,000 with owner terms cattle/machinery available

OPERATING STARTER FARM 135 acres, 40 wooded, balance open Lordstown soils 42 cow block barn with DeLaval pipeline, 2 unloading silos, mow elevator, cleaner Machine shed Corn crib Room to expand Nice 4 bedroom home EVERYTHING YOU NEED . $104,500 with assumable 5% FHA mortgage

Christmas Joy
May you celebrate this special season in the true tradition of love

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NORTHUMBERLAND CO. & SURROUNDING AREAS

51 acre farm no house new barn subdivided & approved good return potential Possible owner financing at 10% interest $89 000

TRADE TRADE TRADE
75 acre general farm 40 tillable 20 pasture coal furnace house completely insulated new fencing pond 2 streams 8000 bu corn crib 50 x 50 barn 50 fruit trees $110 000 Additional acres available These owners would like to trade for a house and 5 10 acres in Southeast Pennsylvania $50 75 000 range

Plain Acreage

5 acres to 125 acres from $1000 per acre to $2000 per acre

25 acres ½ tillable balance wooded stream through borders large trout stream $37 500 Financing at 9½% Owner will divide this in half

Many of these owners will finance 9-12% Interest
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UPPER FRANKFORD TOWNSHIP CUMBERLAND COUNTY
70 Acres - 4 bedroom, 2 story house, bank barn, 3 car garage, 5 stall horse barn, chicken house, milk shed, wagon shed, implement shed, 65' mobile home, pond 49 acres tillable land, 4 acres young fruit trees, 8 acres woods Financing available to qualified buyer $150,000 00

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23 Acres - 4 bedroom 2 story house, Bank barn, wagon shed, chicken house, calf pen, 2 car garage, woodshed wash house and smoke house $100,000 00

DICKINSON TOWNSHIP CUMBERLAND COUNTY
18 acres - 4 bedroom 2 story house bank barn wagon shed & 4 car garage Limestone soil Additional acreage available Financing available to qualified buyer $135.000 00

REAL ESTATE

PRIME VIRGINIA FARM

8½% financing over 40 yrs with annual payments 181 acres, over 80 tillable, PH over 8 5 clear mountain river, large house, bank barn and outbuildings Also mobile home sight with utilities Priceless view of mountains! 2 miles from small town and school Only $1200 per acre By owner, call 703-997-9119

REAL ESTATE

REAL ESTATE

Lehigh Co. Farm, 250 acre grain farm located in Breinigsville in Upper Macungie Twp , exc soil, almost entire farm tillable, property has over 10,000 ft road frontage on 4 blacktop roads, lg stone farmhouse, circa 1830 in liveable condition

Lehigh-Berks Co , 158 acre general crop farm 120 acres tillable, balance woodland & pasture Brick farmhouse stone barn large stone equipment building good outbuildings stream etc

Farm & Land Brokers
new pennsylvania realty, inc.
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REALTORS 215-398-2559
WE ARE LOCATED ON RT 222 IN WESCOSVILLE
STOP IN ANYTIME TO TALK ABOUT FARMS

Seasons Greetings

To ALL Of You - From All Of Us

Isaiah 9:6 - For unto us a child is born, unto us a son is given: and the government shall be upon his shoulder: and his name shall be called Wonderful, Counseller, The mighty God, The everlasting Father, The Prince of Peace.

With Joy We Anticipate His Soon Return As "King" of Kings

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
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CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
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YULETIDE GREETINGS

There's no time quite like Christmas for remembering the patronage of our friends old and new.

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FARM WANTED

Young farm family wishes to purchase general farm in Central PA. Prefer vacinity of Columbia, Montour, Juniata Counties Require 150-300 acres of good producing tillable level to gently rolling land suitable for raising grain

Farm must be neat with house and buildings in good condition

Purchaser will put ⅓ of cost down with preferred owner financing on remainder

518-851-7293 anytime

$1100 PER ACRE

138 acres 70 clear no improvements Planted in peppers in 1980 Crop or dairy farm potential

West of Dover DE in Amish country

Call

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302-674-0653

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FROM YOUR FARM AGENTS AT

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2230 5th St Highway, Reading, PA 19605
(717) 274-3622 — OFFICE — (215) 378-1122

SOUTH OF STRASBURG

105 acre Dairy and Tobacco Farm, 36 tie stalls, 3 silos, new tobacco shed, with dampening cellar, possession upon settlement

YORK COUNTY

Lower Chandford Twp , 58 acres, 49 tillable, balance woodland, spring on property, no buildings, $2200 per acre

Theodore B. **Pyle Realtor**
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LANCASTER COUNTY FARMS

99 ACRE CROP FARM

With custom remodeled farm house, steer barn, bank barn, and other outbuildings all in excellent condition Nearly 85 acres Less than $3,800 00 per acre in Southern Lancaster County

153 ACRE DAIRY FARM

With milking parlor and free stall capacity to 250 head, 5 silos, 3 family stone house and other buildings Fulton Township

YORK COUNTY

50 ACRE BEEF FARM

Set-up to handle 60 steers, good tobacco barn and other outbuildings and modern dwelling all located near center of farm Brogue area

160 ACRES WITHOUT BUILDINGS

Nearly 120 tillable, located in Southern York County and priced for less than $2,000 00 per acre

Many other farms for sale in Lancaster and York Counties Call today for information and a personal inspection

Century 21®
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MODERN 700 HEAD HOG FINISHING UNIT

Barn, corn barn, storage shed, 2½ story stone dwelling on 3½ acres. More land available. Owner will help finance right party. $139,500.

Ph - 717-949-3709

L-3284 Adams Co 82 acres mostly tillable land, 2400 ft road frontage $124,000

L-3291 York Co 30 acres mostly tillable, approx 8 acres hardwood trees, beautiful location $50,000

L-3402 Adams Co horse farm, 100 acres all fenced, 104 x 120 ft horse barn with riding arena, bank barn, stone civil war home, modern rancher home with pool Nice setting at $310,000 May be purchased without rancher home and 10 acres for $230,000 , 12% financing

L-316 Adams County Dairy & Layer Farm, 136 acres, large brick home, 22,000 bird layer house, dairy barn, silo, bunk feeder Sellers will sell dairy & layer separately to two simultaneous buyers $310,000

L-3363 Profit from the fruits of your labor on this small Adams Co orchard. Excellent return on investment. Nice 2½ story home, sales room, several out buildings

L-3327 Juniata Co Dairy, 85 acres mostly tillable, large bank barn, large brick & frame home Fronts on Rt. 75 & Tuscarora Creek, additional acreage available for lease or purchase. $135,000 Owner financing available.

Buying or selling farms in York & Adams Co , check with Dan Rodgers Farm Specialists, Key Real Estate, 108 York Street, Hanover, Pa 17331 Phone 717-632-6400

KEY REAL ESTATE | REGIONAL ASSOCIATE HORSE FARMS OF AMERICA, INC. 105

Paul M. Longacre FARMS AND COUNTRY PLACES

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160 acres, 2 houses, huge bank barn, $120,000 Huntingdon Co.

510 acres, 3 houses, huge grain facilities, 3 separate dwellings.

40 acres Martic Twp., Lancaster Co.

46 acres Lancaster Co. $8000 per acre.

23 acres, 4 bay garage, bank barn, large house, level land, $92,000

55 acres, Cumberland Co., 3 bedroom house & bank barn, $110,000.

If you have been thinkmg of selling but need some good honest advice about procedures, taxes, how & when, why not give us a call, we're here to help.

Merry Christmas

May the wonderful blessings of the Christmas season be yours.

We wish to thank you for your patronage in the past & hope to have a happy and prosperous New Year along with you.

Note: "God is like a good realtor, he has the perfect home waiting for you."

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CENTRAL NEW YORK OFFICE

JUST LISTED . REGISTERED HOLSTEIN FARM· 347 acres sandy loam soils, mostly level, 175 tillable, much available to rent 75 large ties in barn with new 2" Delaval pipeline, 16 ties in heifer wing, elevated stalls in calf wing 4 silos, unloaders 90x90 pole barn Stately two-family colonial home with views over lake. Eastern NYS $195,000 bare or $379,000 with 16,000 lb registered herd, 3 tractors & equipment.

HANDYMAN'S FARM SET BACK ON LANE 210 acres, mostly level, overlooks Mohawk River 60 cow barn presently rented. Good 10 room home with new oil/wood furnace. $86,000 (the setting will sell you).

ILLNESS FORCES SALE: stocked & equipped 160 acre dairy has 101 tillable, grows good corn & alfalfa. Barn has 29 stanchions & 14 ties, 2 silos, cleaner. Also 2 other barns. 8 room colonial home with stone fireplace. Everything goes for $175,000 Nice farm area.

EQUIPMENT INCLUDED .. GOOD OWNER TERMS on this 163 acre dairy. Nicely remodeled 10 room home. Swimming pool. 50 cow barn Owner will hold 9% mortgage with 29% down, interest only for 1st 5 years.

GREETINGS

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72 acre general farm suitable for steers or hogs Log house containing 5 bedrooms, good condition Barn, corn barn & silo, $85,900

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Our flat rate discount brokerage sale was successful We are adding 2 more farms to it See Nov 29 ad for others Commission will not exceed $10,000 on any of these farms if called before Jan 1 This is a possible $40,000 savings on a $500,000 farm

410 acres, 300 tillable, showplace, 85 freestall double 4 parlor with automatic takeoff, heifer barn, 2 excellent houses and trailer. Has produced 150 bushels corn and unlevel honeyoye soil Call on price

180 acres, 140 tillable, new 100 cow Penn State freestall in double 5 parlor, best freestall we have, 2 bunker silos and uprights, good house and trailer $260,000 Best buy

D'AMATO REAL ESTATE, INC.
Call: Harry Pettingill, Jr. Broker
Farm Division
Phone 315-568-9708
Seneca Falls, NY

FARMS & LAND

THIS WEEK'S FEATURED FARMS & LAND

FARMS

FO-500 Columbia Co 112 acres $198 000
F7-102 Northumberland Co 141A $141,000
FO-54 Northumberland Co 60A $ 85 000
FO-48 Snyder Co 26 A mini farm $ 65,000
FO-74 Juniata Co 26 A mini farm $ 71,500
FO-75 Snyder Co lovely setting by covered bridge & stream 49 acres open & woods, bank barn & other out buildings along w/nice 3 BR farm house only $65,000
FO 25 145 Acre general farm in Mifflin Co 100 tillable acres Along Rt 522 with lots of frontage Frankstown cherty silt loam soil Some Berks soil Good producing crop farm Possible owner financing at 10% interest $197 500
FO-51 188 acre farm in Central Snyder Co Approx 100 acres tillable Good, warm 8 room, 4 bedroom log house 35x80 bank barn Other good buildings Long Fields Lots of road frontage Owner financing w/small down balance at 10% interest $175 000 **Call today**

LAND

LO-86 Snyder Co 105 acres $ 76,125
LO-66 Union Co 38A Near Lewisburg $ 95,000
LO-23 Mifflin Co 183 acres $127 000
LO-39 Perry Co 50 acres $ 45,000
LO-87 Perry Co 144 acres $144,000
LO-50 Perry Co 10 acres $ 19,900
LO-24 Northumberland Co -24 A $ 20,000
LO-55 Northumberland Co 49 A $ 40,000
L9-357 Snyder Co 33 acres at foot of Jacks Mountain, approx 900' good road frontage Excellent owner financing w/very low down payment and balance at 10% interest only $45 000

OTHER

RO-122 Lovely 3 bedroom brick rancher on 56 acres with 25 acre lake, Snyder Co $91 500

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717-374-4144

Dallas Will
Mifflin
717-543-5685

CENTRAL PA FARM LISTINGS

BEDFORD COUNTY

GENERAL FARM - 44 acres (28 tillable), 2 story house, garage, workshop, & bank barn in good condition Small stream & pond 20 miles from Johnstown $75,900

GENERAL FARM - Dairy farm 155 acres (SOLD able, 30 pasture) Includes 6 bedroom house, bank barn, machine & small stream $155,000 Owner financing available Farm can be for sale to simultaneous buyers

BLAIR COUNTY

GENERAL FARM - 120 acres (106 productive tillable, 14 woodland), near Williamsburg Solid 2 story frame house and bank barn ideally suited for livestock Buildings are centrally located on land $215,000

CENTRE COUNTY

THREE AMISH LISTINGS - ALL CONTIGUOUS. APPROX 2 MILES EAST OF REBERSBURG

No. 1 - 70 ACRE GENERAL FARM — 2 Story frame house, bake shop (which could be converted to a house), bank barn, calf barn, implement shed, corn crib Combination All building new since 1970 28 acres of productive tillable land 40 acres woodland, $136,000

No 2 - 132 ACRE DAIRY FARM - Sound 2 story house, large bank barn with 27 tie stalls, milkhouse with 600 gal bulk tank, 2 silos, new cattle or horse barn, 85 acres of productive tillable land 5 acres pasture 40 acres woodland $248,000

No. 3 - 147 ACRE GENERAL FARM - 2 story stone house 2 bank barns (one with 29 tie stalls) workshop, 12'x55' concrete stave silo, stream & pond, 80 acres tillable, 30 acres pasture, 37 acres woodland $195,000

FARMETTE - New Listing - Jacksonville area, excellent log home with ultra modern kitchen, new Morton 36x63' barn, 20 acres total with approx 18 acres of level tillable land, 1 acre woodland & 1 acre site, $98,500

FARMETTE - New Listing - Potters Mills area, log & plank house, 2 story barn, good stream frontage situated on approx 8 acres (4 acres tillable, 4 acres pasture & site) frontage on Rt 444, $49,500

GENERAL FARM - 108 acres (77 productive tillable, 19 pasture, 12 woodland & site) Near Aaronsburg, 2 story brick house, bank barn, milk house, other out buildings, small stream Owner financing $125,000

GENERAL FARM - 88 acres (70 tillable, balance pasture & woodland), near Millheim, large bank barn, Mobile home (no house), silo, small stream Owner financing $93,000 Adjoins farm listed below

GENERAL OR LIVESTOCK FARM - 150 acres (142 tillable) In good agricultural area near Millheim in Penns Valley 2 Story house, large 2 story bank barn & other outbuildings Owner financing $185,000 Adjoins farm listed above

GENERAL OR LIVESTOCK FARM - 75 acres (65 tillable), log & plank constructed house, new 40x80 2 story bank barn, 14x40 concrete stave silo Between Spring Mills & Potters Mills $149,500 Partial owner financing 140 acres tillable land available for rent

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2 story house, 2 car garage, very good condition Stream provides water for house and pond Excellent investment, ideal for horses or recreation $150,000 Owner financing

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2 story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs Barn equipped for farrowing and finishing hogs Small stream Approximately 18 miles from State College Complete $97,500, 75 acres + barn only $68 500, 39 acres + barn only $52,500

CLINTON COUNTY

LIVESTOCK FARM - 78 Acres (57 tillable) near Mill Hall, excellent 2 story house, bank barn, implement shed, 2 garages stream $94 500

LAND - 33 Acres, located in Beech Creek Twp Clinton Co , 1 6 mi from Beech Creek, Pa on Rt 364 West Property is totally wooded Beech Creek stream runs along entire eastern boundary $35,000

COLUMBIA COUNTY

TWO CONTIGUOUS FARMS DIVIDED BY I-80

UNIT A - SOUTH OF I-80 - GRAIN & LIVESTOCK FARM - 348 acres, (265 highly productive tillable, 81 woodland, 2 site) Complete with 2 homes, large bank barn grain dryer, 44,500+ bu grain storage & Butler building reinforced for additional grain storage Land from Unit B below could be rented by buyer Very attractive interest rate with owner financing $605,000

UNIT B - NORTH OF I-80 - GENERAL OR LIVESTOCK FARM - 185 acres (85 highly productive tillable, 90 woodland, 10 pasture & site) Nice 2 story frame house, large bank barn, several streams & pond Very attractive interest rate with owner financing $285,000 Unit B available with Unit A or for simultaneous sale to separate buyers There is an overpass to cross I 80 near these farms

HUNTINGDON COUNTY

GENERAL FARM - McAlveys Fort 120 acres (70 tillable) Excellent house, bank barn implement sheds corn cribs silo w/unloader & bunk feeder new hog finishing barn $245 000

DAIRY FARM - 330 acres (175 productive Hagerstown tillable, 125 pasture & 30 woodland) 3 dwellings large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings Dairy facilities are less than 2 yrs old Water supplied by springs $340 000 Owner Financing

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level very productive tillable) Good 2 story house bank barn 60 x 120 cattle barn suitable for freestalls 20 x 60' Harvestore, 2 streams Owner financing $325 000

MONTOUR COUNTY

GENERAL OR LIVESTOCK FARM 5 miles southeast of Muncy 210 acres (110 productive tillable, 45 pasture, 55 woodland) Excellent house bank barn, implement shed good road frontage stream frontage Ideal Livestock farm $219 500

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM -Near Turbotville 231 acres (174 very productive tillable) Good 2 story house, bank barn, implement sheds, & like new grain drying facilities Owner financing $344,000

PERRY COUNTY

SMALL FARM - 7 miles from Mifflintown on South Rt 35 20± acres, (Approx 17 tillable acres & 1 acre of woodland), additional acreage available good 2 story frame house, remodeled interior, 2 story barn, outbuildings, nice setting, good road frontage $89,000

UNION COUNTY

SMALL FARM - Adjoining Swengel 29 acres (26 highly productive tillable) good one story frame dwelling, good bank barn, outbuildings pond $84,500 Adjacent original 2 story farm house & outbuildings also available, $28,500

SMALL FARM - 4 miles north of Mifflinburg 33 acres (24 productive tillable) 2 story house storage facilities 2 corn cribs Completely fenced for cattle $99 500

MANY LAND PARCELS AVAILABLE CALL OR WRITE FOR FREE LIST

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422 8111
Mel Rockey (814) 466-6688
(Lewisburg) Larry W Platt (717) 568-5563
(Bedford) Richard D Reed (814) 839-4271

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JUNIATA COUNTY

72 Ac , 60 till., barn & front, $87,000.
16 Ac , farm bldgs., stream, $63,900.

LANCASTER COUNTY

New Listing - 1½ Ac. farmette, mt. stream, pond, Rt. 896 North, priced in the 40's

SNYDER COUNTY

25 Ac. hog farm, ex. home, off Rt. 522, $74,900
130 Ac. hog farm, 100 till., ex. home, $195,000
100 Ac. steer farm, 80 till , for 100 head, $165,000
28 Ac. general, all till., 6 rm. house, $69,000
20 Ac. woodland, secluded, Rt. 104, $22,000

MONTOUR COUNTY

80 Ac., 70 till., house, secluded, poss. owner financing, less than $1000 per acre

DAUPHIN COUNTY

9 Ac. farmette, near Rt. 230, secluded, $55,500

For Information On These & Other Penna. Farms Ask For One of the Farm Men

SEASON'S GREETINGS

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Leola 717-656-6717
REALTOR

UNITED® FARM REAL ESTATE

NEW LISTING - 104 acre dairy farm in Mifflin Co near McVeytown All buildings in excellent condition Large 40x80 cow barn, laminated rafter w/attached 36x72 heifer barn, 40x64 implement shed, 14x16 milkhouse w/500 gal bulk tank 20x65 & 14x50 silos 5 bedroom house in excellent condition Priced for quick sale $189,000

HUNTINGDON COUNTY DAIRY FARM - 176 acres with 125 acres of level farmland in hay & corn Barn set up for small herd Stream on two sides Comes stocked & equipped

LARGE FARM & DEVP. LAND - 1150 acres near metro area Half wooded, 200 acres mowed Prime development site

PRODUCTIVE 200 ACRE DAIRY FARM - Over 100 tillable, 48 cow barn Rafter barn Pipeline, 4 bedroom home W/WO cows & Equip $200 000

190 ACRE BOTTOM LAND FARM - Approx 180 tillable Excellent for corn & beans Long road frontage Large barn used for beef $219 000

15 ACRES-with 25 additional tillable acres available $16,900

160 ACRE DAIRY FARM SET-UP - for small herd 15 stanchions bulk tank - wood silo Hog pen garage equip shed - spring house large farmhouse Near 138 acre farm $225 000

LARGE 200 HEAD DAIRY - with double six parlor 20x60 stave 20x60 harvestore & 20x70 Crop store, Badger slurry system 2000 ton trench (200 head free stall barn) Home has been completely remodeled large family room with woodburner 7 bedrooms laundry room w/w carpet

SAW TIMBER - 154 acres in Central Pa in Nittany Valley Estimated 400,000 bd ft $59 000

SAW MILL - Only saw mill in Pa with guided tours Includes 536 acres of timber that will cut over 6000 bd ft per acre
62 4 acres on Jacks Mountain Excellent hunting

BLAIR COUNTY - Morrison Cove Dairy Farm 117 total acres, 7 pasture with Clover Creek running through 3 acres woodland 100 acres rich limestone flat farmland large bank barn with 30 stalls bulk tank machine shed, 3 car garage hot & chicken pen corn crib shed Mountain water piped to house & barn drilled well Near Old Order & Eastern Mennonite Churches $275 000

Additional farms & land available Large & small tracts for farming or development

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UNITED FARM AGENCY OF PA. INC.
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HOLIDAY SPECIALS

250 A good 8 room farm house, all conveniences, will sub-divide, partly wooded with streams

240 A Modern dairy, 60 stalls, pipeline milker, Harvestore silo, immaculate farm house with all conveniences 50% financing at 12% interest

10A Historic field stone home and stone gable barn

17A Woodland, Lancaster Co

WISHING ALL OUR MANY FRIENDS A JOYOUS CHRISTMAS & PROSPEROUS NEW YEAR

D Martin Zimmerman, Realtor
Nelson Z Martin, Associate
Loren L Zimmerman, Associate

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Blue Ball, PA
717-354-4536

SOUTH CENTRAL PENNA. FARMS
IN CUMBERLAND CO.

GENERAL

161 Acres fertile level sandstone soil, 10 room (5 bedrooms) stone and aluminum house Large living room with fireplace, enclosed porch. Extra large bank barn. Owner financing

DAIRY

131 acres, Hagerstown limestone soil, modern 7 room frame house, 50 tie stalls, pipeline milker, 1500 gal. bulk tank, 100 freestall barn, 3 silos, large implement shed, ready for today's dairyman. 100 acres additional cropland available for lease.

GENERAL

75 acre estate setting within minutes of turnpike, I-81 and Rt. 11. Gently rolling land, bank barn, modern 2 story frame house, stream, road frontage, creek frontage.

GENERAL

Lovely setting secluded remodeled 2 story brick house w/4 fireplaces, barn and silo. Yellow Breeches Creek flowing through pasture on this 67 acre limestone soil farm.

LAND

63 acres, fertile limestone soil, all tillable, no buildings.

HUNTINGDON CO.

GENERAL

172 acres shaly silt loam, modern 7 room house, barn and other out buildings, nestled in Trough Creek Valley near Raystown Lake.

DAIRY

166 acres shaly silt loam, spacious brick rancher with attached office and 2 car garage, bank barn with 12 stanchions, large implement shed, woodland, stream, road frontage, included is 1 room brick school house.

DAIRY

136 acres shaly silt loam, 20 tie stalls, 300 gal. bulk tank, bank barn, frame house, stream, road frontage, near Raystown Lake.

PERRY CO.

DAIRY

102 acres fertile soil, large bank barn, 42 tie stalls, 500 gal. tank, silo with unloader and feeder, implement storage, stone house, road frontage, pond and streams. Ready for today's dairyman.

SELLING "YOUR FARM"?
CALL FOR
"NO OBLIGATION APPRAISAL"

We at the Ebener Agency wish you and yours a

VERY MERRY CHRISTMAS

Farm Representative
Charles Wenger 717-263-0945

GEORGE L. EBENER & ASSOCIATES, REALTORS
139 West High Street
Carlisle, Pa.
Phone - 717-243-6195

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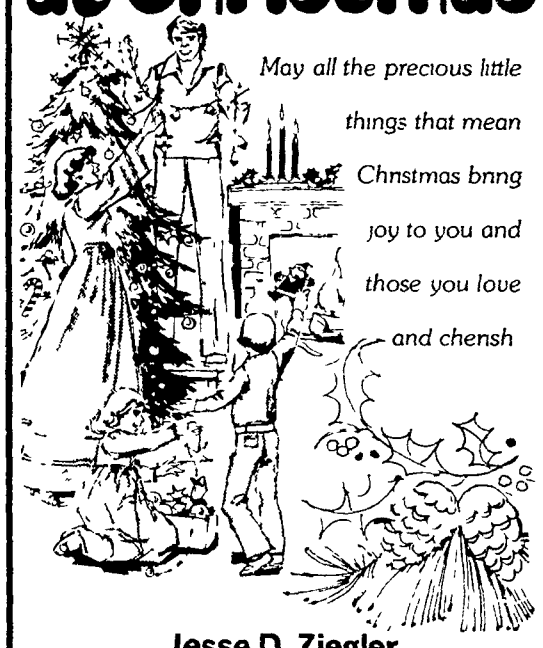
Farm Salesman - Eugene Kreider

at Christmas



May all the precious little things that mean Chrstmas bring joy to you and those you love and chensh

Jesse D. Ziegler
215-488-7372
Office number 717-733-6501

DR MEMBER TREND
Dominion Realty, Ltd.
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Ephrata, PA

MAILBOX MARKET

For Sale- Small Victorial front barber shop - dismantled, Also 6 pcs of early wooden farm tools (field), Chester Co 215 326-4640 after 6 p m

For Sale- For Sale 1974TX 440 Polaris snowmobile, good cond , 1142 miles, Perry Co 717-567-3772

For Sale- Cocker and Springer Spaniel cross puppies, real cute, good for hunting, ready to sell Dec 22, $35 each Lanc Co 215 445-5273

For Sale- Cute little rat terrier puppies, Lanc Co 717-733 7809

For Sale- 70 Chev Blazer, 4 wheel drive, 350 engine, wagon wheel, 10"x15" tires, $1995, Lanc Co 717 442-8828

For Sale- 3 bee hives, 1 with 4 deep supers, and 2 with each 2 supers all good swarms, Some beeswax and veil, smoker, also a Beekeeping Questions & Answers book by A Dadant Publications, like new, Berks Co 215 683 6628

For Sale Cub tractor with rotary mower $1500 loader for Deutz tractor $450, Oliver 60 tractor needs work $200 MF 3 pt plow, 3 bottom, Model 74 375 Bucks Co 215-598 7546 or 598 7357

For Sale Good quality mixed hay, Wayne Co 717 676 4209

For Sale 1952 Chevy 4 door sedan Rebuilt engine, 3 speed transmission, Body & interior fair, best offer, Dauphin Co 717-469-0782

MAILBOX MARKET

For Sale- 1 Fireplace log, 12"x12"x7½' over 100 yrs old Eli Dienner, Moscow Rd , 1 mile Northwest of Junction Route 10 and 30 Parkesburg, RD2, 19365

For Sale- Semen, Ivanhoe star, 20 ampules, Astronaut 20 units, Very 20 units, $60 each, stored at Atlantic, 717-687-8893

For Sale- Winpower 12/20 KW PTO generator on trailer, $1000 Lanc Co 717-665-5747

For Sale- Moscovy ducks for Christmas, live or dressed, Use Hydraulic control unit for #55 Duetz, Lanc Co 717-354-5060

For Sale- JD 9' spring harrow with new teeth Also JD 20 blade disc, Farmall H tractor, Sam K Zook, Kirkwood, Pa , Coopers, Dr , Lanc Co

Wanted- Sub-frame assembly and miscellaneous parts for Series 2000 Freeman loader to fit David Brown 995 P A Miltenberger, W Va 738-2198

For Sale- Two row NI mounted corn picker on a MH 33 tractor $2500 excellent condition, Lanc Co 717 872-5525

For Sale- Fox Terrier puppies, John K Lapp, R1 Paradise, Pa along 896 near Georgetown

For Sale- 1976 C60 Chevy 21 rollback, 366 eng, 4 speed 62,000 mi , hydralic tailgate winch stake pockets, good condition $12,000 or best offer Berks Co 215-286-5311

MAILBOX MARKET

For Sale Franklin Stove with thermostat control & screen, good cond , $200 Without thermostat control $150, 215 256 8650 Montg Co

For Sale- (1) 2 yr old heifer & (2) 1 yr heifers Lanc Co 717 656 8431

For Sale Two Michigan model 12B Payloaders one gas one propane, Hough #425 and #4A for parts, Rodgers, 15 ton tag a long, 201-469-4968 evenings, Somerset Co , NJ

For Sale- Beef Herd, bred young brood cows, and Simmental cross heifers and bulls Also will do custom corn fodder stacking Berks Co 215-926-3376

For Sale- Cab for JD 2020, 2030, or 300 or 400 Needs one door and some glass, 301 838 6196

For Sale- Series 730 Industrial Loader, Lanc Co 717-898-0522

For Sale- McConnell 2 row potato planter, with Gandys $2500, without Gandys $2300 Also Farmall C and Farmall 200 All in good condition, Atlantic Co , NJ 609-965 2929

For Sale 2 Reg Angus bulls, 1 7 yr old, 1 yearling, Hoffman Angus Farms, 717-292-4855 after 5 p m

Wanted- Parts Washer, also Sale or Trade for Case 580CK Backhoe will accept beef cattle, value $11,000 Berks 215-779 4950

For Sale- Lykens Valley dairy farm with nice stream bordering two sides, 40 tie stalls, feed bunk and silo, 163 acres at $2600 an acre 717-362-9082

For Sale- Buggy in good condition, with brake, 215-445 5718

For Sale- Gehl 7200 flail chopper, used 1 month, like new, $3500 M Farmall, all new rubber, good condition, $1000 Somerset Co 814-634-0140

For Sale- IH TD9 crawler with dozer blade, 717-966-1724 Union Co

For Sale- Alto Saxaphone electric incubator , corn shellers, 717-867 1470

For Sale- NH 276 Baler with model 50 thrower, $4200 also AC 782 forage harvester with windrow pickup, $700 Lanc Co 717-529-2712

For Sale- AKC Brittany Spaniel puppies, good for hunting or pet Just in time for Christmas, Lanc Co 215-445-7168

For Sale- Standard bred driving horse, 8 yrs old, sound, good driver, John E Fisher, 3872 East Newport Rd , Gordonville, Pa 17529, 1½ m east of Intercourse

For Sale- Used slats for hog house pits 12 ft long with 5" face 40 pcs will cover 12x20, 717-354-9715 Lanc Co

For Sale- 2 Large Yorkshire bred gilts, Due to farrow in a few days Out of good clean stock 717-656-9565

For Sale- One large bucket a day stove, complete, good condition, Lanc Co 215-445-5990

For Sale- Large two door Whirlpool gas refrigerator in good working condition, Levi Leinbach, East Earl R1, Pa 17519

Wanted- WK40, 22-36, 15-30 - 10-20 and W12 McCormick Deering for parts, Ben J Kinsinger, R1, Box 2344 Meyersdale, Pa

For Sale- Feeder pigs, 40-45 lbs 68 cents 717-733-0575

For Sale- Delaval milker unit with 55 lb pail, 9 ft extension table, two miles west of the Buck along Rt 372, Isaac K Lapp, Holtwood, RD1, Pa

Wanted- 2 Screens that fit IH 105 grinder mixer, one half and one eighth, 717-354-5094 Lanc

MAILBOX MARKET

For Sale- Fox 3 row head, 8 ft off set disk, NH 1880 Harvester 890 corn & 890A pickup Berks Co 717 933 5771

Wanted Sows and bred gilts, 717-665 2442 Lanc Co

For Sale- 8 yr old buggy horse, traffic safe and sound, 215 682 7811 rides and drives

For Sale Reg Guernsey cows and yearling bull, tested & accredited Pincor PTO16KW generator, 2 ton indoor feed bin with auger Adams co 717 359 4383

For Sale 60 ft 6 in Cardinal grain augers, $800 Harvestore Roller mill $1200 Girton temperature recorder $175, Escco milk tank 600 gal, $600 Large Molasses tank pump & motor $1200 Leb Co 717 273 4132

For Sale 15 Service Age purebred Yorkshire boars good bloodlines and healthy, 717 354 9370

Wanted 65# stainless steel DeLaval milker pail floor model 814 834 3277 Elk Co

Wanted F162 Continental engine running or rebuildable, 201 782 7543

Wanted Beer can or bottle openers, Also automobile shop manuals owner manuals, and sales literature, Donald Fehr Box 372 Northfield NJ 08225

For Sale Mennonite family with 3 children desires to rent a 3 bedroom house within 12 mi of Gap, Pa 717 768 8169

For Sale Team Belgium mares, gentle but snappy, 4 wheel horse spreader, manure loader, 3 pt hitch wood splitter, Centre Co 814-349 5117

For Sale 1¼" heating pipes, with fins, 10 ft long, 25 pieces, Sylvan A Yoder, RD2, Box 792 Newmanstown, Pa Lebanon Co

For Sale English Shepard pups, $25 purebred, out of working parents around livestock, ready to go, also tobacco bale boxes 717 354 7869 Lanc Co

For Sale Jenny Hydro spray & hose, model 500 very good condition, also 1st & 2nd cuttings of alfalfa hay, H E Rohrer, Jr 957 2860 or 957 2538

For Sale 2 piece pine corner cupboard with double glass doors, 12 glass panes each door butterfly shelves, 2 door base 717 737 2520

For Sale Convertible, 1969 Camaro, no rust or dents, red, runs and looks great, $2300, Chester Co 215 932 4728

For Rent 2nd floor 2 bedroom apartment in Annville Area Some part time work on farm available Lebanon Co 717 867 2783

Wanted Used waterbowls & tie stall dairy barn equipment, Diesel tractor 75 to 100 hp, B Roy 76 E Wash St, Rutland, Vermont 05701

For Sale 2 bred holstein heifers, 717-456 5494 York Co

For Sale 525 Oliver combine, 11 ft cut, hyd Controls, 62 bu bin, good cond, $3900 Northampton Co 215-767 4842 after 7 p m

For Sale Rosenthal mod 40 $450 2 wheel Rosenthal $150 wood saw tractor mounted on stationary $175 Ford pulley small shaft $135 Cub pulley $65 Fisherville Va 703 943 1321

For Sale 518 NH spreader, 717 665 5105

Mixed hay, 1st & 2nd cuttings Stump Acres 717 792 3216 York Co

MAILBOX MARKET

For Sale- Service age Holstein bull, Sire Lawcrest Marvex, 18,000 m on dam $600 York Co 717-862 3782

Wanted Six weigh jar bowls For Sale Belt driven saw buck $75, 2 horse double seated sleigh $500 Berks Co 215 488 6384

For Sale 22' alum van body only side and roll up door exc cond $1800 609 455 4589 Cumberland Co

For Sale- Brady 206 soybean cooker and extruder in exc cond Huntington Co 201 782 6682

GOAT STUD SERVICE 5 breeds Fees $15 25 Boarding $1 /day Group discount Gloucester City N J 609 694 1487

Wanted To Buy 2 butcher hogs approx 210 250 lbs 215 692 4679 Chester Co

Wanted Oliver OC 4 loader used burlap and nursery specialty tools & equip 201 254 2020 Middlesex Co

Wanted 5 tons local oats from So York Co or No Md Counties 301 838 6980 Harford Co Md

For Sale Quilts & hand braided rugs All new material patch work & other pattern quilts Tioga Co 814 326 4339

For Sale General Electric Appliance sign $50 814 926 2205 Somerset Co

For Sale Custom Built double chain wooden conveyer & taperboard feeders Samuel K Stoltzfus, Box 347 Peach Bottom R1 Pa ½ east of Wakefield

For Sale 13 ft Miller off set disk, $4000 firm 215 683 7943

For Sale NH 315 baler like new, Lanc Co 717 733 8239

For Sale Large quantity of seasoned firewood York Co 717 252 2666

For Sale Antique Wicker Chair, $90, Antique folding room screen $40, Gold and White kitchen fix $25, Vanity with skirts after 4 717 548 2665

For Sale IHC 340 diesel engine, good condition, $500 Joe H Zimmerman, RD1 Leola, Pa 17540

For Sale 1974 Ford Truck w/12 ft flat bed low mileage, 11,000 gross weight A 1 condition, $3500 Elwood Flowers Manheim, Pa Route 2 17545

For Sale Good used box stalls for horses including planks steel pipe, and 5 roll doors with hardware, reasonable 717 533 7051

For Sale IH 6B auto rest plow with on-land hitch, 2 Smidley hog waterers and 2 Smidley 8 hole hog feeders, 814 766 2733 Bedford Co

For Sale JD 1440 plateless no till narrow row corn planter exec cond, $2200 Two 40' drop frame van trailers single axles for on the road, Bucks Co 215 257 2377

For Sale 6 cows 2 Holstein, and 2 Jersey springers, 1 Holstein, and 1 Jersey fresh 60 days Snyder Co 717 837 0411

For Sale Snowmobile Ski Whiz 404 good condition 408 actual miles $450 Somerset Co 814 267 4100

Wanted Toy farm tractors pay up to $60 Also cast pedal tractors 717 768 3554 evenings Lanc Co

Wanted Hydraulic wagon dump hoist midwest w 10 ton Northumberland Co 717 649 5320

For Sale Hawk Bilt #155 manure spreader $995 Centre Co 814 349 8010

For Sale Two service age registered Hampshire boars Call Lebanon 717 867 2890

HARRY LEFEVER IS PLAYING SANTA AGAIN!
(PARTS MANAGER)

WITH SPECIAL DISCOUNTS ON WINTER TILLAGE PARTS
NOW THRU DEC 31, 1980

5% OFF ON PURCHASES OF $25.00 TO $75.00
10% OFF ON PURCHASES OF $75.00 TO $150.00
12% OFF ON PURCHASES OF $150.00 & UP

BUY NOW & SAVE
★ IH Tillage Parts Only

SERVICE SPECIAL

FREE HAULING On Any Tractor or Equipment Brought Into Our Shop For Repairs During December

PLUS... 10% PARTS DISCOUNT ON ALL OVERHAULS

SANTA'S HELPERS
(SALESMEN)
Ken Neff & Dean Bicksler Say:

'TIS THE SEASON TO BUY & HERE'S WHY:

1. We will sell tractors and equipment listed below at under factory costs.
2. Our selection of good used tractors is much better than what it will be in the spring.
3. Newer machines have lower maintenance costs
4. Improve production and efficiency with a new machine
5. Claim an investment tax credit to reduce your capital investment
6. Lower your taxable income with an additional depreciation deduction for 1980
7. Receive a better price for your trade-in

IH MODEL 3588
4 WHEEL DRIVE
ROW CROP TRACTOR
18.4x38 Radials, Cam Limiter Hitch, Auxiliary Lighting, Diff. Lock, 540 & 1000 RPM Power Take Off.

THIS TRACTOR MUST BE SOLD IN DECEMBER AT SPECIAL SAVINGS!!

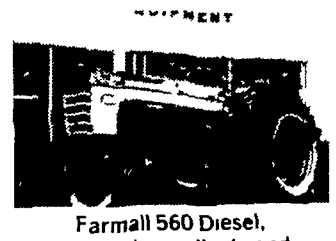
NEW EQUIPMENT
56 BLOWER
Special Price $1725

1190 Mower cond
1250 Grinder Mixer
720 & 820 Forage Harvester
2250 Loader
4500 Vibra Shank field Cult
5500 Chisel Plows

NEW TRACTORS

584 D	986
384 D	1086
Hydro 84D	3588

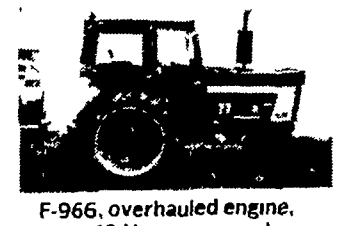
USED TRACTOR SPECIALS - Make An Offer On Any Of These:



Farmall 560 Diesel, new paint, excellent cond

Farmall Super A, excellent mechanical condition

Farmall 1066, 20" rubber, very low hours, local tractor



F-966, overhauled engine, 2100 Hrs, very good condition

USED TRACTORS
Int 544
Int 2606 D Loader Backhoe
Far Super A
Ford 9N
MF 85D
AC CA w/cultivators
JD A w/cultivators
JD 4020 D, powershift, turbo
Int 606 D Engine overhauled, New paint
Far 560 D, new paint
Far 350 D
Far 966 w/cab, recently overhauled
Far 1066 low hrs
Far 450
Far 230 w/cultivators
Far 450 w/Int #52 loader

USED TILLAGE
MF 3 Bot 14" plow
JD 3 Bot 14" plow
JD 2 Bot 16" plow
White 3 Bot 16" cushion trip plow
Taylor-Way 9 tooth Chisel plow
(2) Int 2 Bot fast hitch plow
(1) Int 3 Bot fast hitch plow
JD KBA drag type disk harrow

USED HAY & FORAGE
Int 46 Baler w/thrower
JD 336 Baler w/#30 Thrower
JD Blower
Sickle bar mower for Far A
Dion Forage Box, roof & third beater
NH 717 Forage Harvester
Int 2 MH corn picker
Fox 546 Harvester w/2 row corn head & hay pickup
Int 61 Forage Box

JUST TRADED!
- IH 1460 Combine w/6 Row Cornhead, Used 489 HOURS
- IH #50 Engine Driven Forage Harvester, 2 row corn head, grass head, ex.

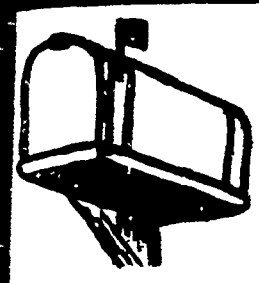
MISC.
Int 13 x 7 grain drill
Int #10 13 x 7 double disk grain drill
Oliver 18 x 7 grain drill
Henderson loader for Super C trac
Int 175 manure spreader w/upper beater, very good cond
Int 251 3 pt hitch corn planter
Straw chopper for 715 combine
Hesston PT-10 Mower Conditioner
Int 205 Combine w/10 ft platform

USED TRUCK SPECIAL
1976 Int. 1800, 33,000 G.V.W., air brakes, 5 speed transmission, 2 speed rear, long wheel base, 446 engine, P.S., driven less than 80,000 miles.

★ TRY OUR CERTIFIED SERVICE

HERITAGE INTERNATIONAL INC.
1054 SOUTH STATE ST., EPHRATA, PA 17520
PHONE 717-733-2283

★ WE HAVE PARTS TOO



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words area code must be added to phone number and due to repeated requests please include your county for buyer and seller convenience all advertisements must be mailed to the office by Tuesday or same will be held over for next week s paper no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz PA 17543

No Phone
Calls Please

MAILBOX MARKET

For Sale 1 Landrace and 1 Duroc boar both purebred 717 898 2509

For Sale 2 HP Centrifugal port water pump $150 Onan 220 volt 25 000 watt generator welder on rubber $750 Monmouth Co N J 201 431 2995 after 6

Draft horses and mules for sale 215 723 6523 between 6 8 a m Montgomery Co

2 year coming 3 chestnut sorrel carriage horse broke traffic safe papers Wing Commander blood line 16 hands high 215 445 4282

Wanted Late model NH grinder mixer in good cond Lanc Co 215 445 4649

For Sale Double barrel wood heaters $110 Also Size double heater kits $50 Also seasoned firewood Enos B Stoltzfus Rd1 Box 331 Christiana Pa 17509 along Lower Valley Road

For Sale Jamesway water bowls in good cond Wanted Big Bandsaw for sawing wood Israel S Beiler Jr , RD1 Box 84 Vintage Road Christiana PA 17509 Lanc Co

For Sale Holly Hobbie Quilt Cumberland Co 717 776 6157

400 gal Mojonnier tank w compressor & all controls Chore Boy pipe line system complete w milk measures & auto washing system for 3 stall parlor exc cond , make offer 717 352 2131

For Sale Portable wooden calf slats for 8 calves, best offer Midwest lift harrow 13 wide Walter Zeiset, RD3 Manheim, PA 17545

For Sale JD 2010 gas WFE 3 pt power steering, good rubber Lanc Co 717 392 4601

For Sale Reg Shropshire ewe & ram, 8 months top quality reasonable 717 253 3091 Wayne Co

Wanted Used safe For Sale Steam jenny high pressure washer, Model 760 C 814 632 8416 Huntingdon Co

For Sale Suffolk ram, 6 yrs old Suffolk ewe, 2 yrs old, bred due in March After 9 p m 215 286 9826

Wanted Tractor drawn WET lime sower, double spinner 607 965 8285, good condition only

For Sale 10'x50' mobile home good cond , 2 bdrm & bath Lanc Co 215 267 7203

MAILBOX MARKET

Reg Elevation Pete bull service age dam ex 91 2E 303 days 21736 m 4 2 test, 914 f 717 733 3994

For Sale 7 springing Holstein heifers, bred 6½ to 8 mos Lebanon Co 717 865 2745

For Sale Pomeranian male, 9 mos old (no papers) $50 Lanc Co 717 733 1048

For Sale 630 JD tractor Lebanon Co 717 272-3558

For Sale- 2, 5 yr old mules also NI hay rake, wheel type Abram F Stoltzfus 2936B Stumptown Rd , Ronks, Pa 17572

For Sale Whirlpool gas refrigerator, (2 door, good cond) $450, 12 hole Pride of the Farm hog feeder $130, heavy duty elec bench grinder $110 Jonas K Lapp, R1, Box 507, Quarryville, Pa 17566, along Church Rd

For Sale 5-24"x48" Field roller units $800, 16 Brillion harrow $800 180 A C D Engine, runs good, needs rear repair $4500 Nice IH 756 G $5800 Ha Co 301-996 2924

For Sale Small Chianina herd, 60 cows & heifers plus reg Chianina bull 50% sired by Cavetto II 717 362 9850 Dauphin Co

For Sale Beautiful black & white male Siberian Husky w/papers 2 yrs old $50 Edman Miller R D 3 York 717 757 1386

For Sale 500 lb Hereford club calf Halter broke very tame Good quality $475 717 665 5482 Lanc Co

For Sale OLD wagon w/wooden spokes & steel rims good cond 717 259 9616 York Co

Wanted Eggomatic egg grader 6 or 7 Mc grain binder, both in good cond Jacob F Stoltzfoos RD1 Box 51 Kinzer Pa 17535 Lanc Co

For Sale Reg Yorkshire boar 23 mos old, 8 years strawberry roan work horse, best offer buys till Feb 21 1981 (Will board heifers) Lanc Co 717 442 8336

For Sale Counter top stove & eye level oven metal 54" sink, free standing fire place screen Lanc Co 717 426 3684

For Sale Holstein steer home raised approx 800 lbs 717 464 2233

For Sale Good square back sleigh 12 grader blade can be used for grading or snow plowing 717 938 2372 eves York Co

For Sale Bred brown Nubian 3 yr old 3 qt milker $85 , 2 buck kids 2 mos old $40 each, ram sheep, 2 yr old $75 Lanc Co 284 2975

Wanted Yorkshire or Duroc board For Sale CA Allis Chalmers Lanc Co 717 665 3865

For Sale- Case 630 tractor w/loader & snow plow, also Case 430 gas, WFE V type & angle snow plows Wanted Case belt pulley 717 345 4882

87 a farm near Shippensburg Cumberland Co , Pa 717 537 4536 or New Holland 717 354 5056

Wanted- Coal stoker (furnace) whole or parts For Sale New Ashley wood stove 215 932 2314

2 A 78/13 snow tires, brand new $40 717 426 3209

For Sale Hay, straw and barley 717 865 2911

For Sale 1979 Dodge Diplomat loaded w/extras, new condition Antique rocking chair $100, 16" bicycle w/training wheels $29 Lanc Co 717 656 9241 or 717 464 2537

Goats- Nubians, all ages Buck service available Mated does, also order your Pigmy kids now 717 359 5165 Adams Co

MAILBOX MARKET

For Sale AgBest Nursery, Agstar Farrowing House 717 665 9293

For Sale- Reg Holstein heifers, ready to freshen, also grade heifers for Jan & Feb Good records on heifer's dams Lanc Co 717 687 6220

Wanted Used 20 case per hour Aqua-Magic egg washer grader 717 859-2484

1967 1800 Int cab over van feed truck host & sprout walden blower Very good Lancaster Co 215 932 9522

For Sale 6' snow bucket for Sauder loader Very good, $60, Sauder loader to fit 235 MF & David Brown 1200 hyd 717 859 1523

For Sale- Firewood Oak & other hard wood, delivered $40 per ton, unseasoned $45 per ton seasoned Lanc Co 717 665 5739

For Sale 2 Reg Holstein bulls, Kingpin out of 2 E EX Mamary Elevation with 19,437m, 4 4, 875 lbs f, A Jemini from VG Triune, complete with 28,452m 872f incomplete 215 267 7208

For Lease Reg Kingpin bull born 1 7 78 Dam Gay Ideal Daughter has records to over 19,000m 600f Juniata Co 717 436 8146

Wanted 250 bd ft of chestnut barn boards in good cond It must be chestnut Call after 6 P M Adams Co 717 259 0806

For Sale Pontiac 400 engine $75 positraction rear complete $75, 69 Pontiac shop manual $10, Pony cart & harness $75 Lanc Co 717 684 5352

Wanted 12 & 17 & 206 spreader For Sale NI 751 crimper $375, NH 56 rake sharp $995, MF 30 tractor $1395, C700 Ford truck $1875 717-354 0266

Wanted 10 ' radial arm saw, 10 ' table saw & wood lathe For Sale Purebred Cocker Spaniel pups best offer 215 267 6551 Lanc Co

Wanted Good used roller bearing buggy with brakes in A 1 cond Henry B Stoltzfus RD1 Box 152 Christiana PA 17509

For Rent 104 acre dairy farm 40 50 cows Oxford area Daniel E Lapp 1250 Penn Grant Rd Lanc Pa 17602

For Sale 16 hot water furnace ace kerosene portable space heater 97,000 btu 2 sh 8 hole hog feeder 1 Pride of the Farm hog feeder 8 hole 717 656 9764

For Sale German Shepherd pups black & silver, ready to go also, 8 scraper blade 3 pt hitch never used David H Beiler Centerville Rd , Gordonville Pa 17529 Lanc Co

For Sale Large Holstein heifer due in 2 mos also wooden farm wagon running gears Amos M Stoltzfus 2457 Stumptown Rd Bird in Hand, Pa 17505

For Sale 1971 Ford truck, C 700 w/20' Duralite van body G V W 26,000 also corn fodder 717 665 3393

Brady 2 ton grinder mixer in good cond 4 row stalk shredder 717 626 6142 after 5 P M Lanc Co

For Sale 3 pcs cast iron drain pipe 24 x12' long Also Firewood & railroad ties John R Esch, Pennsy Rd , New Providence, Rt 1 Pa 17560

For Sale 8 nine week crossbred little pigs 1 purebred Suffolk ram 2 Simmental feeder bulls 300 lbs Berks Co 215 562 8347

Snow plow for Sears garden tractor, never used $75, Oster dog A2 clipper, 4 blades $50 Berks Co 215-689 9493

House For Sale By Owner Lititz, 2½ story brick, 3 bedrooms 2 baths $59,900 Will finance 14½% w/down payment 717 626-8257

MAILBOX MARKET

For Sale- MF 1080 diesel, 85 hp, factory cab, 9' mounted snowblade A 1 condition must sell Anytime 717 697 6647 Cumberland Co

For Sale AC WC PTO, power lift new tires, new paint, rebuilt engine, new clutch A 1 shape $700 IH 45 baler, ready to use $200 Chester Co 215 458-5698

For Sale- 13 large Grade Holstein Heifers, all due approx Jan Want to sell as a lot Farmer owned 717-922-1205 Union Co

For Sale 1969 Ford 3000 tractor, ps, new paint, exc cond , can deliver 717-535 5804 Juniata Co

For Sale Purebred Saanen buck from Star Milker Horned $150, Also, Bred Toggenburg $150 Chester Co 215-274 8536

For Sale Coal stove for shop $10 6 double mantle gas lanterns $10 each John S Glick, R3 Box 346, Quarryville, Pa 17566 Lanc Co

For Sale Bee equipment in good repair no disease 717 933 8541

Wanted 1020 JD diesel only Wanted feeder pigs 20 30 lbs Chester Co 215 347 2232

For Sale JD 7000 conservation planter 6 row narrow insecticide, liquid fert 1 yr old planted 300 A Perry Co 717 444 3447

For Sale 6 Charolais Hereford cross steer calves, 400 500 lbs To be weaned 12 15 80, sold 1 01 81 75 cents lb 717 286 9380 Northumberland Co

Mixed hay for sale 717 865 3655 anytime

For Sale 8 IHC scraper blade heavy duty 3 pt hitch, hyd angle control, only used 2 or 3 hrs in snow 717 382 4288 York Co

For Sale Small pool table very good cond , hardly used Approx 60' x30 31 high 29 'x58 playing area $40 Lanc Co 717 354 5827

For Sale Angus bull service age Harford Co Md 301 692 6526

For Sale 20 Charolais 300 500 lbs 717 942 6435 7 8 p m Susq Co

For Sale Dairy cow stalls Jamesway 37 w/18 water units must remove from barn 717 846 8894 York Lanc Co border

For Sale 2 saddles English foreward seat saddle 18 good cond $35, children s Western saddle tooled leather girth 2 pr stirrups Like new $75 Lanc Co 717 626 6311

For Sale 2 Reg Polled Hereford cows 1 Polled Hereford Bull, MF 230 tractor 160 hrs 717 222 4416 Susq Co

Blue Tick Coon Hound pups 8 wks sired by Night Champ females $45 males $55 201 859 1817 859 2616 Warren Co

For Sale Doeblers Penna Hybrid still top numbers available Discounts till Feb Daniel Esh Strasburg, East on 741 Paradise Rt 1

For Sale Heifers, from age 2 mos up to breeding age Sire Elevation Son with dam records of 32,000 lbs milk & 1200 fat Enos K Lapp Box 88 RD1 Nottingham, Pa 19362 Pine Cove Rd

For Sale F 20 Farmall tractor very good cond w/2 btm plow & disc $650 717 334 0109 Adams Co

For Sale Manure spreader, NI 218 tandem axle, hyd tailgate, $2,000 Cultimulcher, Brillion 14 both very good cond 301 692 6364

650 gal Dari Kool all working parts on tank, rebuilt or new, will deliver a reasonable distance One channel 13 TV antenna never been out of 2 taxi meters for cab 201 782 5900

MAILBOX MARKET

For Sale Big 3 yr old strawberry roan mare or will trade for young Gery Percheron stalion Jacob S Esh, Cinder Rd Box 176, R2, New Providence Pa 17560

For Sale AKC reg breeding stock, Chow Chow, Siberian Huskies, Samoyed and Bulldog 717 733-8380 Lanc Co No Sunday calls

Wanted Roper gas range for parts State price or condition Write to David B Beiler, 58 Witmer Rd , Lanc , Pa 17602

For Sale AKC Siberian Husky, 5 wks old, also 1 mixed white Shepherd free 717 386-5677 Sch Co

For Sale 300 MF 1972 snowmobile, $300 440 MF snowmobile 1973 $595 Adams Co 717 677-7265 after 5 p m or before 8 30 a m

Maytag wringer washer for sale Also, State Flower Quilt (embroidered) Franklin Co 717 263 1820

Established dairy farmer wishes to rent forty cow capacity dairy farm or larger would consider a partnership in any area Centre Co 814 355 5092

For Sale Local honey $10 per gal Can be shipped UPI Also bee pollen honey extractor $90 Dauphin Co 717 896 8637

For Sale 10 yr old black mare pony w/cart & harness Rides & drives Patient & willing but needs a little work Dauphin Co 717 469 0449

V653N Detroit diesel, completely rebuilt, not run since overhaul, 70 GMC 7500 truck bad motor Lanc Co 717 626 4359

For Sale Armstrong 155,000 BTU oil fired forced hot air furnace Reason for sale Put in wood stove 717 432 3338 York Co

For Sale Eski poodle pups, 772, Leola north Center Square Rd west Sol Beiler Box 208 R1, Bird in Hand Lanc Co

For Sale 4 yr old Standard bred buggy horse Isaac L Beiler, RD3 Box 370 Green Tree Rd Quarryville Pa 17566 Lanc Co

Wanted Operating layer farm 30,000 birds plus 717 677 6804 Adams Co

Room free to woman or girl in exchange for some help with farm animals Experience NOT necessary but must be willing to learn Frederick Co Md 301 271 4909

Old style cook stove with warming closet 215 267 2772

Free for Dismantling Fire Damaged Barn 10 hand hewn barn beams each 30 long plus lots of good lumber 215 488 6211 Berks Co

For Sale Low on the farm prices for very nice Red Delicious apples Blue Spruce Christmas trees and firewood Columbia Co 717 672 2638

COMBINE JD #25 pull type w/PTO & bin 6' cut, new paint Field Ready $450, Plow Oliver 2x14" hyd lift $125 609 586 2869 Mercer Co

For Sale Franklin stove w/brass balls & screen Inside opening 24 W x 20 H Good cond $75 Oat straw bright $1 00/bale at barn 400 bales 717 432-9056

For Sale 26 bed w/hyd tailgate & hyd winch 215 269 1221 days 215 269 1327 eves

Wanted Car shop manuals, owner manuals & car sales literature Also beer can or bottle openers w/company names Don Fehr, Box 372, Northfield N J 08225

Wanted- Good used 2000 gal tank for hauling water Call collect 302 629 5511 Sussex Co De

MAILBOX MARKET

For Sale Mix Mill soybean roaster w/cleaners, A 1 cond , $2600 Also 4-900x20 recap mud tires, 3000 miles $50 ea Carroll Co 301 848 8638

For Sale Farmall Super A, plows, cults , original tires in mint cond $2500, AC B with cults , exc cond $1250, Farmall H good $650 Cumberland Co 717-243-3193

For Sale Belt pulley assm for IH 400, 450, 560 tractors $75, Front weight brackets & 2 weights for 3020 etc $100, 2 tubes 20 38 $15 Cecil Co 301 658 5712

For Sale Large toy barns, a nice Christmas present for kids Abram L Stoltzfus, RD#1 Box 333, Christiana, Pa 17509 Turn left at Lapp Farm Market, 2nd house on right

For Sale King Stove, burns wood or coal, heats 5 or 6 rooms $75 Lanc Co 717 548 3154

For Sale Frazer Rototiller Bl 7 26" tines in rear, a real machine Reason for selling no good on hill side 717 374 1575 Snyder Co

Wanted Used 3000 bu (more or less) grain bin 717 523 3671

MAILBOX MARKET

For Sale- Wrecked 1955 Chevy Best offer buys it For info call 717 354-5822

For Sale- 2 fresh cows, both are GP and made over 20,000m Chester Co 215-869 9627

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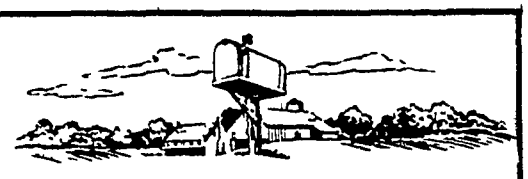

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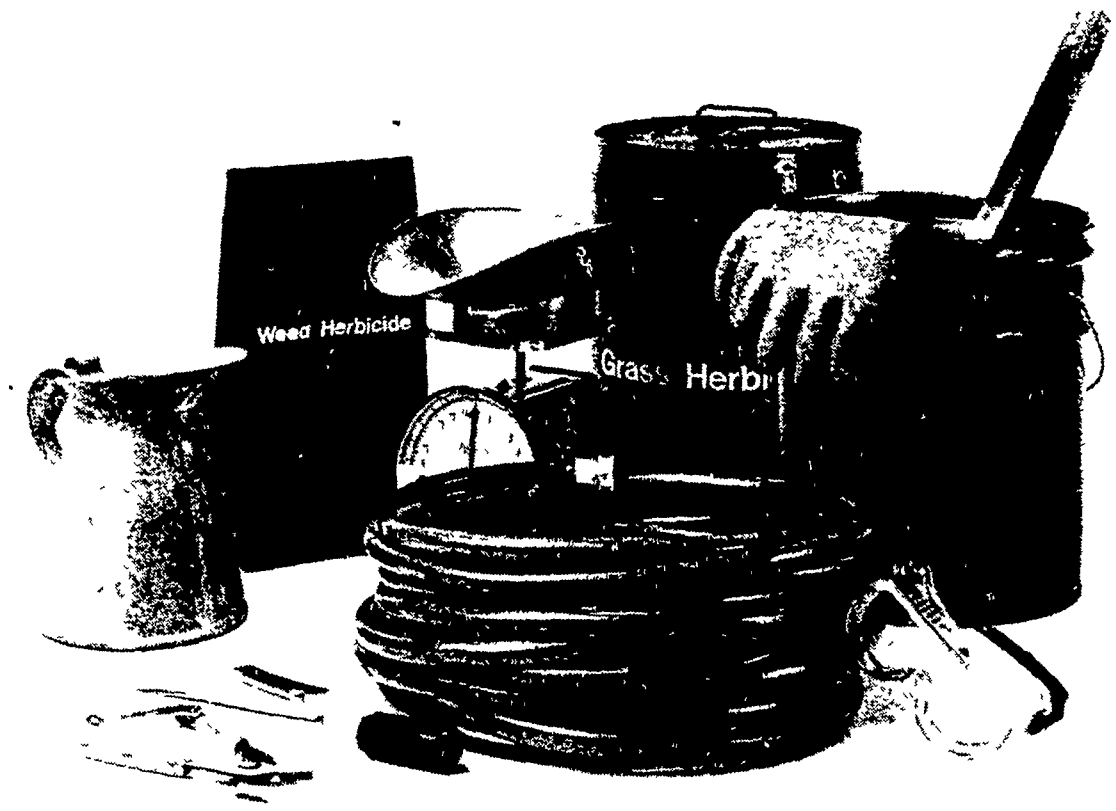

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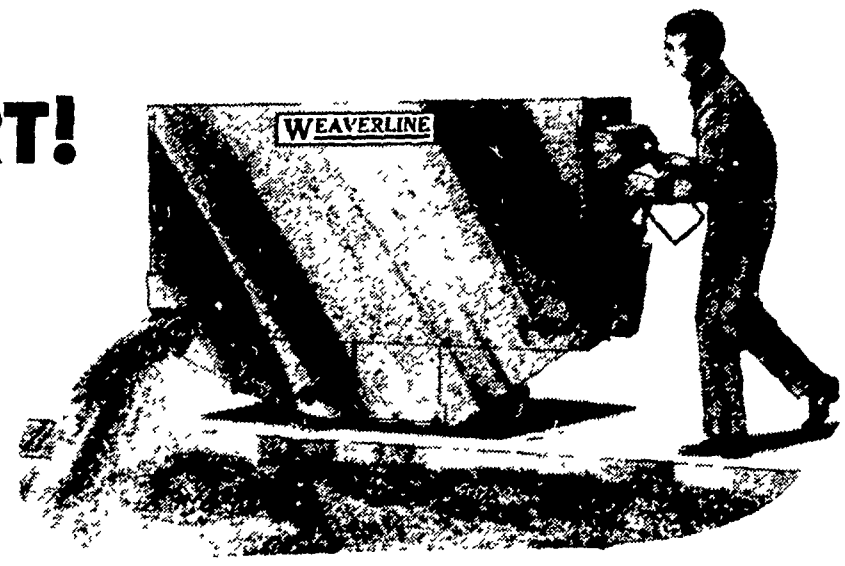

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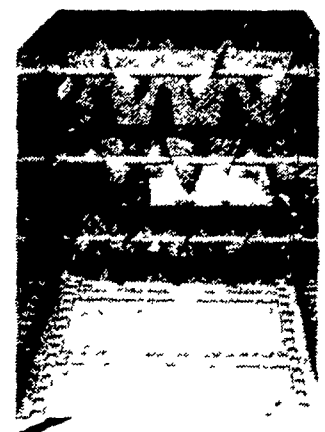

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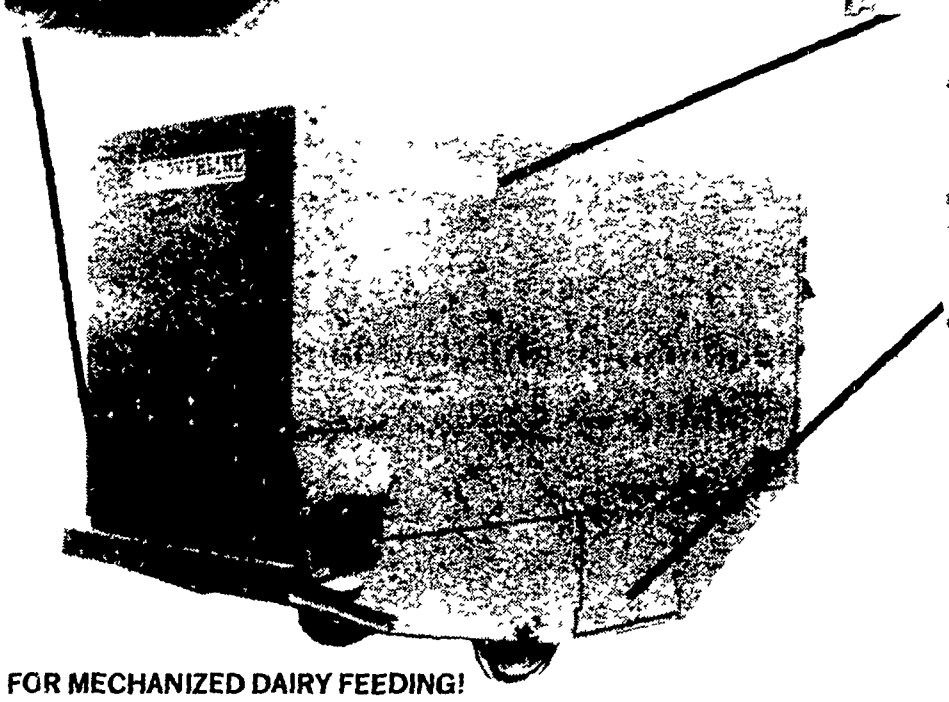

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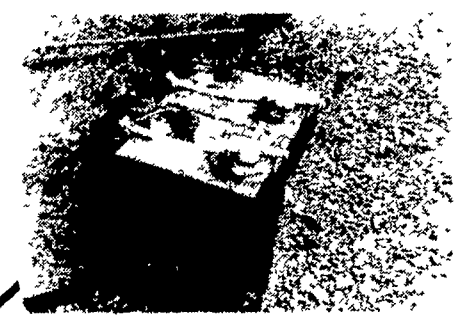

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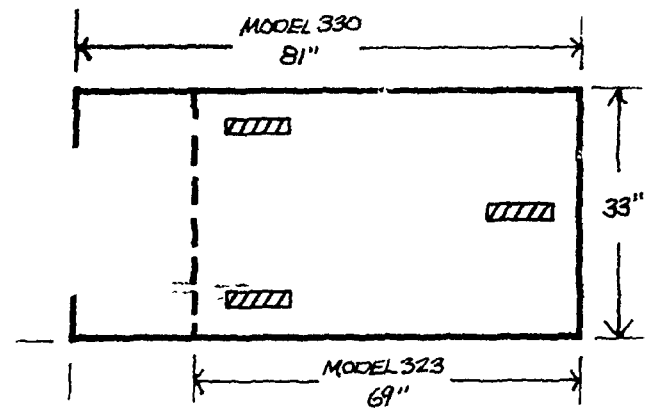

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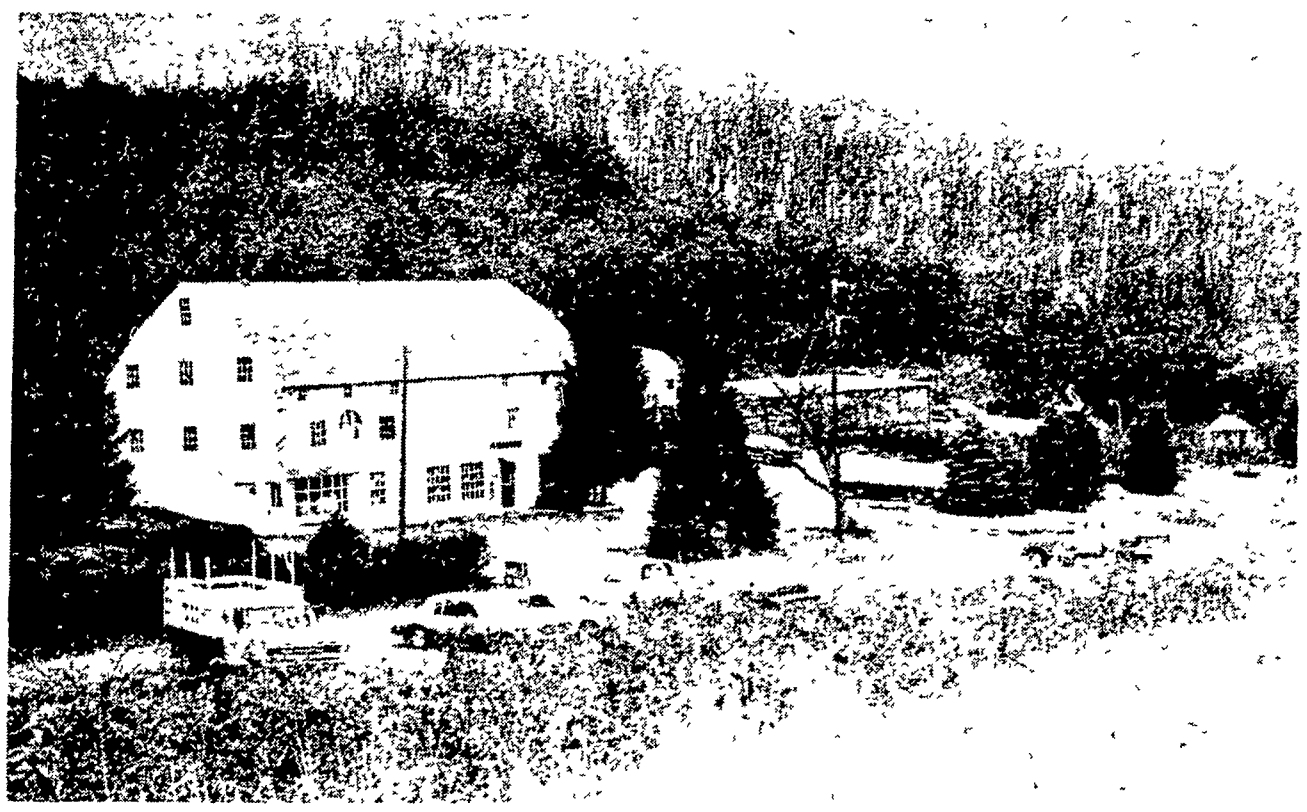

Charles and Lois Stauffer turned the Curvin Hengst chicken and tree farm, just south of York, into a thriving garden and gift center. Since then, "Christmas Tree Hill" has become a family affair for the Stauffer family.

Christmas trees mean a lot to the Stauffer family

BY MARY MYERS
Staff Correspondent

Lois and Charles "Chuck" Stauffer and sons, Joe and Jim, of "Christmas Tree Hill" started nearly ten years ago with the dream of freedom from the 9 to 5 world and communion with the out-of-doors Their concern was then and still is for quality of life and not quantity.

Achieving this family goal was not easy. The Stauffers having two young sons, knew it would have to be a total family commitment They began by purchasing the Curvin Hengst chicken and tree farm just south of York

Chuck resigned his position in the appliance distribution business in which he had been successful for nearly twenty years.

Lois remained employed as a music teacher but within two years resigned her chosen profession to become completely immersed in the family's endeavor

Lois commented that although she was near completion of her master's degree in elementary education, she has no desire to finish it because of her deep involvement and enjoyment of her work

"Christmas Tree Hill" has its roots in the Christmas tree business. The trees were the initial financial asset for the family shortly after purchasing the farm The garden center appeared a few months later in the large barn not far from the farmhouse.

Two years later, the decision was made to include a gift shop which shared the garden center's quarters, the barn Today the gift shop beautifies the entire lower portion the barn.

While all this was happening, the family was totally remodeling the house on this homestead. The boys enthusiastically assisted their parents in this venture, too.

Holding tight to their goal of staying close to the out-of-doors, thier garden center flourished They constructed a new building to house the garden center Eventually, they added a greenhouse and shadehouse which they built themselves

This industrious family literally carved their dream out of the hillside on which the farm is located

As the garden center became successful, the Stauffer's business expanded Landscaping and designing landscapes was a natural for this family

Today, Lois and Chuck feel they will "hold" at this point expanding only laterally and continually providing quality workmanship

They have begun this lateral movement by recently acquiring a clock and gift shop which is managed by their eldest son, Joe.Plans for this shop include a garden center adding continuity to their business as well as holding fast to their original goal

In this season, Christmas trees, wreaths, roping and floral arrangements are abundant. Look closely though, because Lois creates such beautiful artificial masterpieces that one has to check to be sure if it is real or not.

The gift and garden center is alive with decorated and natural silk trees, wreaths, and garlands They are so real in appearance that you have the urge to touch to make certain the greenery belongs inside and not in the shadehouse

Designing is Lois' love and forte Her custom work is an expression of herself as well as a reflection of the desires of the customers.

Lois shared that providing her clientele with what they want plus the uniqueness that she can supply is important to her

While I spoke with Lois, she was preparing to work on a special order of fresh arrangements. She said this is an area, fresh arranging, she would not mind moving into someday. This facet of their business will come in its own time as each of the others has done Lois concluded

Chuck and Lois said it is a great amount of work but they are happy and fulfilled. What they are doing is in line with their original plans This is why they love it so much.

The Stuaffers say they feel successful in their personal lives too They attribute it to the unity and hard work that young and struggling family businesses need to maintain and require to thrive.

Sons, Joe, 21, and Jim, 20, say they feel strongly about their family's dream and business They have shared and experienced the trials and glories of Christmas Tree Hill while working along side of their parents

Lois feels that her sons did not suffer many of the same problems teenagers often do but said she knows it was not easy for them either.

Joe enjoys the buying trips and merchandising. Being the eldest son and having these interests made him a natural to manage the family's newly acquired shop. It is obvious that Joe also loves his work It is evidenced by the shop's new look and Joe's eagerness to help you find that

(Turn to Page C4)

Chuck's pride is the garden center, greenhouse and shadehouse, built by the family. What began as a Christmas tree business soon expanded to include items from all over the world.

The loft of the garden center is Lois' workroom Here she proudly displays a grape vine wreath created, beginning to end, in this workroom.

A most fascinating and lovely creation, the silk tree, decorated with satin, velvets, and heavenly angels. Lois designed the tree's decor but actually makes the silk wreaths found in other parts of the shop.

Homestead Notes

These are just a few of Lois' creations. Her unique floral arrangements and candle ring designs are some of the most beautiful things in the shop.

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Ida's Notebook

Ida Risser

Some Christmas customs change and some remain the same.

No longer are candles lit on an evergreen tree as this practice is considered to be too dangerous. No longer can the average citizen go out into his own meadow or fence-row and cut down an evergreen tree as my father did for us Those red-cedar trees he brought us had sharp and needle-like leaves and were not pleasant to decorate. Now, even we have succumbed to buying a pine as our row of evergreens has grown too tall to "top" as we did in previous year

But eating Christmas cookies is still in style and therefore a lot of time is spent in making an ample supply. In years past, we are told that they filled lard cans and hoped they would last until Easter. Certain kinds of cookies are only made in the holiday season. Seldom are sand tarts and decorated animal cookies made in July Our family usually makes a dozen or more kinds but they don't last past December

As a child and a grownup, I've always been accustomed to a row of stockings to check on Christams morning. The usual items found inside are English walnuts, hard candies and a big orange.

When our children were little a small toy was added to each stocking as a gift from Santa

Here on our dairy farm we are surrounded by Amish families and each Christmas we exchange gifts such as homemade bread, cookies or a freshly dressed duck The Amish do not decorate their homes with Christmas trees although they do celebrate by enjoying a second Christmas. This holiday is spent visiting friends and relatives in their boxlike family wagon.

And so, this year, as in many years spent, children will string popcorn and cranberries and make chains of brightly colored paper to decorate the tree in anticipation of Santa's visit

Christmas trees

(Continued from Page C2)

special unique gift for a loved one or to satisfy your own fancy

Jim, a student in business administration at Penn State, enjoys the landscaping

Chuck, as he sat behind his desk, contided that he hoped to get Jim to share that same position This would allow Chuck to be free of the desk work he left ten years ago

Christmas Tree Hill is a family success story for the Charles Stauffer family Lois summed up their philosophy by saying, We believe big is not always beautiful "

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Working the land held in our keep

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While their methods have been revolutionized from previous hard and tedious manual tasks to present modern mechanized efficiency, their role as keepers of the land remains largely unchanged. They prepare, care for and harvest the foundation of life itself.

Now is their season to plan for yet another season of rebirth of the land As one year ends and another begins, let's remember these keepers of the land and the life-giving meanng they impart to the seasons.

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144 - Travel Alarm Clocks... Reg $12 95 ..... $5.50
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Occ. Chairs...Mirrors. .Rockers...Odd Tables .. Lamps...Pictures...Mantel Clocks...Sewing Machines

Terms - Layaway - Closed Sunday
Not Responsible For Typographical Errors

On being a farm wife -And other hazards

Joyce Bupp

Christmas hangs in the window of our farm kitchen.

It comes in the form of a simple thing, but one of great beauty. Crystal clear, with an etching of Mary and Joseph adoring the Babe, the commemorative ornament was a gift in a holiday party anonymous gift exchange. Each day, I silently thank the one who shared its beauty.

As the sun tops the horizon in early morning and floods in that southeast window, its brilliant rays catch the angle of the ornament's beveled edges, magically transforming into miniature rainbows Hung by a slender thread from the curtain rod, the ornament turns with the touch of the slightest air current, filling the room with patches of light and reflected rainbows.

At night, when all the lights have been darkened, the glistening acrylic picks up the glow of the night light outside the dairy barn, reflecting the whiteness in starlike glimmers.

The youngsters delight in spinning the ornament, whirring it around and sending the reflections and rainbows flashing around and around the kitchen. Seems it reminds them of the flashing disco lights at their favorite roller skating rink.

But I prefer to think that the reflections are more like the Light of Christmas that should shine in our hearts always.

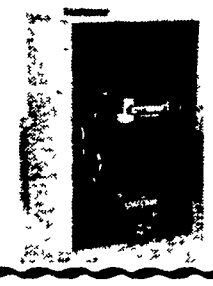
Like the true Light of Christmas, the ornament is resilient, unbreakable. Though dainty and delicate in appearance, in reality it's made of tough stuff. Rough handling, accidents, hard times won't destroy its beauty.

We might forget it for a time, ignore it, be too busy to pay it even a moment of attention Still, the Light shines there, waiting to be received, acknowledged, appreciated, if we will but look for it and reach out to accept it.

And so our wish to you and your loved ones is that the true Light of Christmas, like the ornament silently turning in our window, may shine into the hearts of men everywhere, and reflect out in joy and peace to all, during his glorious holiday season and throughout the year.

Merry Christmas!

JENSEN (Since 1922)
COAL & WOOD FURNACE & BOILER



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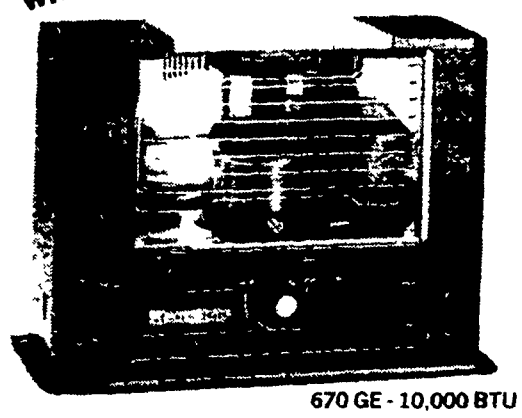

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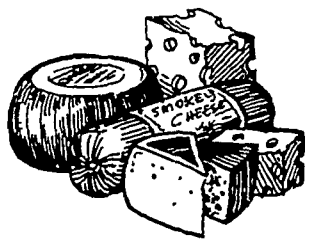
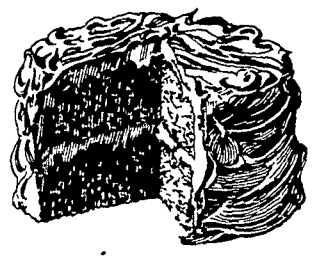


Home On The Range



Traditional Christmas delights

Tender, tasty leg of lamb - an entree with unusual dynamics for an elegant holiday meal. Break from tradition and try this dish It's a time-saver because it doesn't require stuffing or special treatment. Serve lamb and spend more time with your family, not in the kitchen, this Christmas.

Usher in 1981 with leg of lamb...an entree with unusual dynamics for an elegant holiday dinner party or a convival family gathering.

Unusual because it is very simple to make a lamb leg oven-ready because it doesn't require stuffing, rich sauce or other time-consuming treatment to enhance its so-good, natural flavor

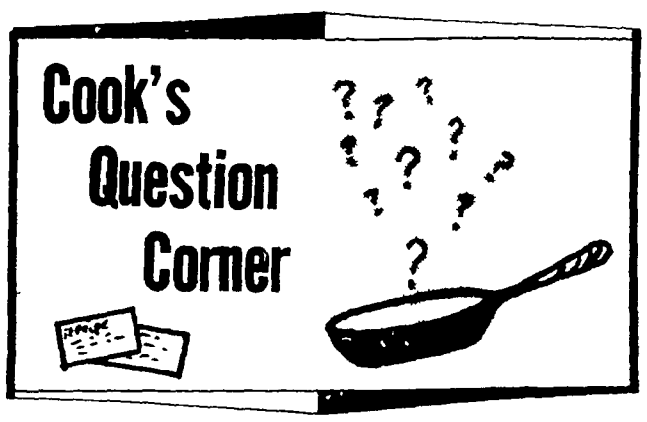
Lamb is not only a time-saver for the cook; it is a friend of the dinner guest This young, juicy meat is not marbelized with fat. The thin outer layer covering the meat is so easily separable, too, making lamb the calorie-counter's dream meat Also, the thin succulent, gravy-free, slices may be personally selected by the diner from the serving platter in size and number that will not put his diet in jeopardy

Since lamb is glamorous, it's so naturally good and can be purchased in any size to fit any occasion or family whether you calculate it for leftovers or not, it will put new life in your special occasions this holiday season Choose this young tender meat for a refreshing change!

But if traditional is your style, we also feature Fiesta Ham, a great holiday dish. And for the rest of Christmas day we have a delicious holiday breakfast meal — Christmas Morn Casserole.

End the holiday with some hot apple cider or egg nog.

But whatever you serve your guests, have a very Merry Christmas!



QUESTION: Several years ago I clipped the recipe for Whole Wheat Griddle Cakes. Now I have misplaced it. Could someone please send it in again?

Wilma Zimmerman

QUESTION: Would you ask if any readers would have a recipe for Marshmallow Candy?

Nancy Kramer, R1 Box 682
Newmanstown, PA 17013

QUESTION: Could anybody please supply me with a recipe for Poppey Seed Cookies? I want to surprise a friend of mine who says they are delicious.

Mary Koontz, New Enterprise

Recipe Topics

December	
20	Traditional Christmas delights
27	New Year's Day Sauerkraut and Other traditional foods
January	
3	Microwave, an easy meal
10	Winter salads for that summertime feeling
17	Casseroles for a cold winter night

CHRISTMASTIME LEG OF LAMB

Leg of lamb (6 to 9 pounds)
⅓ cup tart red jelly
½ teaspoon grated lemon peel
1 tablespoon lemon juice
¼ teaspoon ground ginger
½ teaspoon dry mustard
½ teaspoon salt
¼ teaspoon ground pepper
Candied cherries
Candied citron
Candied lemon peel

Place lamb on rack in shallow baking pan. Begin roasting in oven preheated to 325°F. In small saucepan, combine jelly, lemon peel and juice, and ginger, mustard, salt, and pepper Cook over low heat until jelly is melted and seasonings are well blended Brush lamb with jelly glaze Continue roasting for 20 to 25 minutes per pound, or until meat thermometer registers 140°F. for rare, 160°F. for medium or 170°F. for well-done. About one half hour before lamb is done, remove from oven and brush with jelly glaze On largest surface of lamb, wreath design with the cherries and citron Cut lemon peel into small circles and use to decorate wreath. Return lamb to oven and cook for 30 minutes, or until desired degree of doneness, brushing once or twice with jelly glaze

FIESTA HAM

6 servings

¼ cup (½ stick) butter
1 cup chopped celery
½ cup chopped green pepper
½ cup chopped onion
1 can (11 oz) mandarin oranges and pineapple tidbits
⅓ cup fruit syrup
1 tablespoon cornstarch
1 can (6 oz) frozen orange juice concentrate, thawed
1 tablespoon soy sauce
1 pound ham, cut into thin strips (approx 3 cups)
Salt
1 cup uncooked regular rice
¼ cup (½ stick) butter
½ cup grated Parmesan cheese
Toasted sliced almonds

Melt ¼ cup butter in large skillet, saute celery, green pepper and onion until tender Meanwhile, drain oranges and pineapple, reserving syrup, set fruit aside Gradually add syrup to cornstarch, mixing until smooth Stir cornstarch mixture into sauteed vegetables Stir in fruit, orange juice concentrate and soy sauce. Cook over medium heat about 5 minutes, stirring frequently Add ham, cover and heat to serving temperature Salt to taste Meanwhile, cook rice according to package directions. Add ¼ cup butter and cheese, stir until melted To serve, arrange rice around ham mixture on serving plate, sprinkle with almonds

GLAZED BAKED BONELESS SMOKED HAM

7 to 10-pound (whole) or 4 to 6-pound (half) boneless "fully-cooked" smoked ham
1 jar (6 to 8 ounces) apple or currant jelly
1 tablespoon lemon juice

Place ham on rack in open roasting pan. Insert roast meat thermometer so the bulb is centered in the thickest part Do not add water. Do not cover. Roast in a slow oven (325°F) until meat thermometer registers 140°F , allowing 15 to 18 minutes per pound for a whole ham, 18 to 24 minutes per pound for a half ham. About 15 minutes before ham is done brush with glaze made by stirring jelly and lemon juice together with a fork Complete baking Let ham stand about 15 minutes before carving

CHRISTMAS MORN CASSEROLE

6 to 8 servings

2 cans (15½-oz each) corned beef hash
Cheese Sauce:
1 cup dairy sour cream
1 tablespoon flour
1 can (4 oz) sliced mushrooms, drained
1 teaspoon Worcestershire sauce
¼ teaspoon celery salt
1 cup (4 oz) shredded Cheddar cheese
2 tablespoons chopped chives
3 to 4 hard-cooked, sliced eggs
Pimiento cut as leaves
Green pepper cut as leaves

Preheat oven to 400°F. Spread hash in a 1½ quart rectangular baking dish. Bake 25 minutes Remove from oven, drain off excess fat. For Cheese Sauce, combine sour cream and flour in saucepan. Add mushrooms, Worcestershire sauce and celery salt Heat and stir until bubbly Stir in cheese and chives Remove from heat

HOT BUTTERED CIDER

Yield: 8 cups

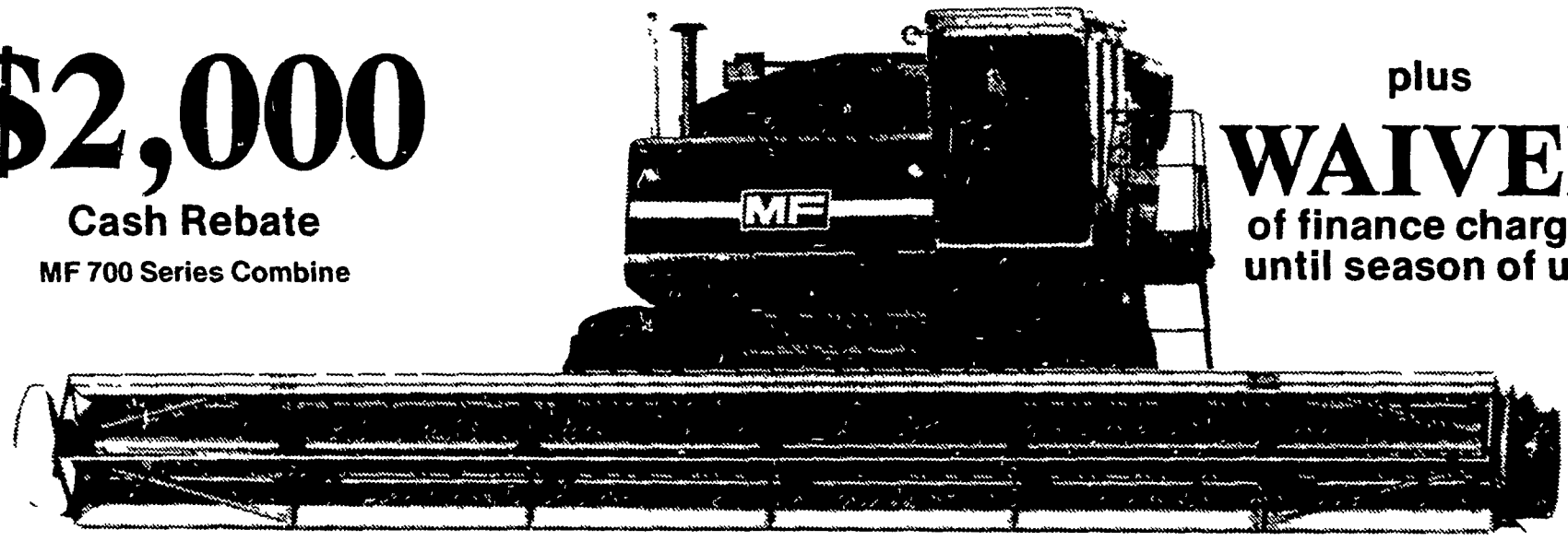
2 quarts sweet apple cider
3 sticks cinnamon
1 teaspoon whole cloves
1 teaspoon whole allspice
1 teaspoon chopped candied ginger
Butter balls
Sticks of cinnamon

Bring cider, 3 sticks cinnamon, cloves, allspice and ginger to a boil in saucepan, simmer, uncovered, 10 minutes Strain before serving Garnish each with a butter ball and a stick of cinnamon

(Turn to Page C8)

Early Buyer Bonus!

$2,000
Cash Rebate
MF 700 Series Combine



plus
WAIVER
of finance charges
until season of use

Don't wait to buy a new MF combine

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$2,000 cash rebate on an MF 700 series combine . . .
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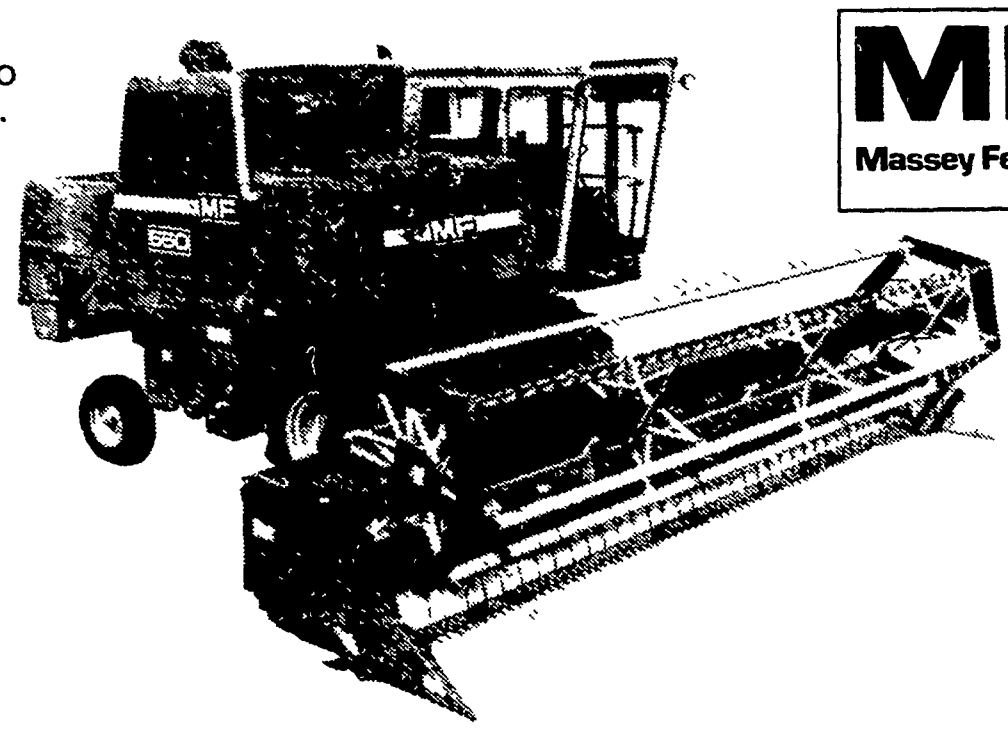
Buying new equipment now may also help reduce your 1980 income taxes.

$1,000
Cash Rebate
MF 500 Series Combine



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Save even more. We've been allowed special factory allowances on these combines and other Massey equipment and we're passing them along to our customers. We're ready to deal, so stop by soon for details on all of our Early Buyer Bonus specials.

Offers end January 30, 1981 and may not apply to all units in inventory.

See Your Local MASSEY FERGUSON Dealer For Details

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Season's Greetings from your MF Dealer

Home on the Range

(Continued from Page C6)

Eggnog Has English Ancestry

Nog comes from the word, "noggin," meaning a small drinking vessel with an upright handle Eggnog has been popular in England for centuries, but it probably came from the Canary Islands or Spain because it contains wine. Eggs, milk, ale or sack, a dry wine, are standard ingredients for eggnog.

Throughout its early years, eggnog was known by many other names: egg-pop, custard posset, syllabub, milk punch, flip, one yard of flannel and auld man's milk. Instructions for making it appeared in diaries and travel notes. Later it was included in cookbook under "Invalid Foods"!

However, according to travel diaries, many comforted themselves with eggnog en route to their destinations. And eggnog was found at a number of taverns, so it didn't take much persuasion to use it for socializing while engaged in holiday travel.

Eggnog parties were very popular in the nation's capital during the whole period between Christmas and New Year's. Members of the Cabinet and Congress as well as Washington socialties looked upon this time as a good season to make their rounds. Southerners, then and now, keep a pitcher of eggnog refrigerated for such a time as callers appear.

Whether you make your own or buy it ready-made, eggnog is an easy refreshment to serve during the holidays. It's a sip-able way to toast your friends with a "Merry Christmas" or "Happy New Year."

HOT SPICED EGGNOG
Saucepan, 1 quart, Yield: 2 cups

1½ cups dairy eggnog
½ cup milk
1 stick cinnamon
1/8 teaspoon ground cloves

In saucepan combine eggnog, milk, cinnamon and cloves. Heat to simmering point, stirring occasionally Remove cinnamon stick Top each serving with sweetened whipped cream and a dash of nutmeg

Heather Mae Stoltzfus, Paradise

FROTHY EGGNOG
Yield: 3 quarts

8 eggs
¾ cup sugar
½ teaspoon salt
1-2 tablespoons rum extract OR brandy extract
1 teaspoon vanilla
2 quarts milk
1 cup whipping cream
Nutmeg

In a large mixing bowl beat eggs at high speed of mixer, until thick and foamy Gradually add sugar and salt, then rum and vanilla extracts At low speed gradually add milk. Cover and chill Just before serving, whip cream; fold into eggnog Pour into punch bowl Serve garnished with nutmeg.

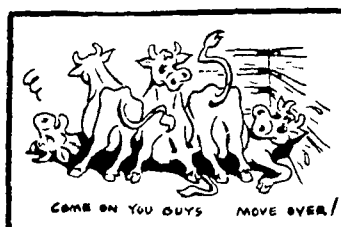
Pamela Richardson, Elverson

CHRISTMAS WALNUT KISSES

6 egg whites
1 lb sugar, either 4X or granulated

Beat in mixer ½ hour at medium speed Fold in 2 cups black walnuts. Bake 325°F. for 15 minutes

Mrs. Carl S. Bacon, Felton



NEED MORE ROOM? Read The Classified Real Estate Ads

Extension to offer estate planning course

CARLISLE — Learn about farm estate planning at seminar for estate planning professionals on farm estate planning is scheduled for 9 a.m. January 8, 1981 at "The Embers" Carlisle by the Extension Service of Penn State.

The program, which has been organized by Area Farm Management Agent, Roland Freund, aims to equip accountants, attorneys, bank trust officers, insurance agents and family financial planners with a better understanding of the problems of farm families

Income tax implications of farm estate planning will be discussed by Jeffrey S. Wachs, Esquire of Lancaster. Farm partnership agreements are to be presented by M. Elvin Byler, Esquire, of Lancaster. Anthony Campolo of Eastern College, St Davids will analyze the problems of motivating the farmer client.

Richard L. Campbell, Esquire, of State College will give the practical application and drafting of trust agreements for farm families.

The program will conclude with a farm estate planning update by Frederick A. Hughes, Farm Management Specialist of Penn State University

An advance registration is required with a remittance of $25. per participant. County Extension Offices in Adams, Cumberland, Dauphin, Franklin, Lancaster, Lebanon, Perry and York Counties have flyers and registration forms for the event

Further information can be abstained by contacting Roland Freund at the York County Extension Service, phone 717/757-9657.

"Real Live 4-H'ers" program available

LEBANON — Lebanon County groups are invited to learn more about 4-H from four Real Live 4-H'ers

The after-dinner program is designed to tell groups about the county 4-H program in a light, yet serious, way

The teens will answer questions about all parts of the 4-H program They will also present a fun 4-H quiz and present an informative picture of the total 4-H program

The Real Live 4-H'ers include. Greg Allwein, Megan Connor, Michelle Noll, and Beth Ann Shiner

According to Linda Rohrbach, County 4-H Coordinator "People will get a good idea of what 4-H is all about from these kids They are active in local, county, and state 4-H."

The Real Live 4-H'er program is the creation of Linda and the four teenagers "Last summer they got special training at Penn State for this We wanted to put the training to use" Planning began this fall.

Groups interested in the program can contact Linda at her office–274-2801.

Last year over 1000 youth in Lebanon County were involved in the 4-H program Membership is open to all youth without regard to race, color, or national origin

Annual Christmas Candlelight Program
with tableaux
Presented by the choirs of
The Midway Church
Of The Brethren
(13 Evergreen Road, Lebanon)
Sunday Evenings
December 21st and 28th
7:30 p.m.
All Welcome!

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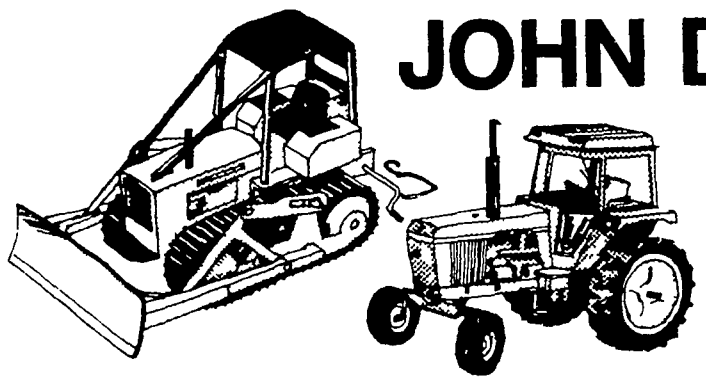
JOHN DEERE TOYS



From pedal-driven riding tractors to put-together kits, John Deere action toys are designed to make kids happy They keep parents happy, too, with their long-lasting durability Choose toys from our industrial, farm, and lawn and garden lines All are authentic scale models of the real machines, with many moving parts to make playtime more fun

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We'd go to any length to tell you how much we value your friendship and to say
Merry Christmas
FARMERS AgCREDIT
CORP
9 East Main Street, Lititz, PA

Junior Cooking Edition

Juniors, a few weeks ago we featured a game in which you were to find as many words as you could in **Lancaster Farming**. Well my goodness and B'gosh any way!! Clair Eby of Lititz found 487 words. Can you beat that!

Thursday is Christmas and Christmas means presents, giving, singing, and fun.

To help pass the days till that magic day try decorating your windows so you can wish passersby a Merry Christmas too.

Make it a white Christmas by making snowflakes from plain white paper All you need is scissors and a plate or compass.

Draw a circle with the compass or use the plate to trace the size you desire. Remember, smaller snowflakes look more natural

Next, fold the circle in half and then again into thirds. Then fold the thirds into halves again

For a designed edge, cut along the fold edge - but be careful not to cut it completely or your snowflake will melt in your hand!

Another idea is to make repeating Christmas designs

Fold a rectangular piece of paper as you make a fan Cut into the shape of a tree leaving the lower triangular tips of the tree run off the paper so each is held together

Color them different colors when finished and hang on your window or your tree. Each will say Merry Christmas in a special way.

Now try these goodies and serve them to mom and dad on Christmas day to say thank you for the presents and the love

COCONUT WASHBOARD COOKIES

Mix together thoroughly:
1 cup soft shortening (half butter)
2 cups brown sugar
2 eggs
Stir in:
1/4 cup water
1 teaspoon vanilla
Sift together and stir in:
4 cups flour
1 1/2 teaspoon baking powder
1/2 teaspoon soda
1/2 teaspoon salt
Mix in 1 cup moist shredded coconut

Drop on cookie sheet and press down with fork. Bake in 350 degree oven.

Anita W. Shirk, Age 8, Ephrata

PEPPERMINT PATTIES

1/3 cup light Karo syrup
1/3 cup butter
1 pound 10x sugar

Pepperment to your own liking. Mix shape into patties and freeze. Then dip in semi-sweet chocolate

Mary Zook, East Earl

OLD FASHIONED CHOCOLATE CAKE

2 cups brown sugar
1/2 cup shortening
2 eggs
2 1/2 cups flour
1 1/2 cups thick milk
1/2 cups cocoa
1 1/2 tsp. soda
1 teaspoon vanilla
1/2 tsp. salt

Cream shortening and sugar until fluffy Add eggs and cocoa Add to creamed mixture with milk Add vanilla and beat until smooth. Bake at 350 degrees.

Louella Weaver, Age 11, Fleetwood

F.W.S. Calendar

Saturday, December 20

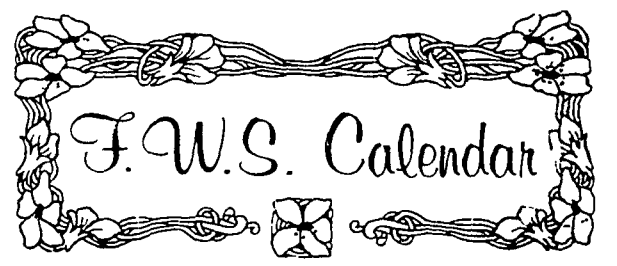
Lancaster Society 3 meets with Salinda Usner to entertain children and to exchange Christmas gifts.

Lancaster Society 8 meets at the home of Vera Frey for a Christmas dinner.

Saturday, December 27

Lancaster Society 5 meets for a Christmas party at the home of Sandra Yocum

GREETINGS
The beauty of Nature and the glory of the Yuletide bring a fulfilling sense of wonder, peace and hope to all. It is our pleasure, as we share the majesty of the season, to extend every good wish for your happiness.
MERRY CHRISTMAS
FARMERSVILLE EQUIPMENT
INC.
LOCATED IN FARMERSVILLE
EPHRATA R.D. #4, PA.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Ask For Lamar - Our Service Manager
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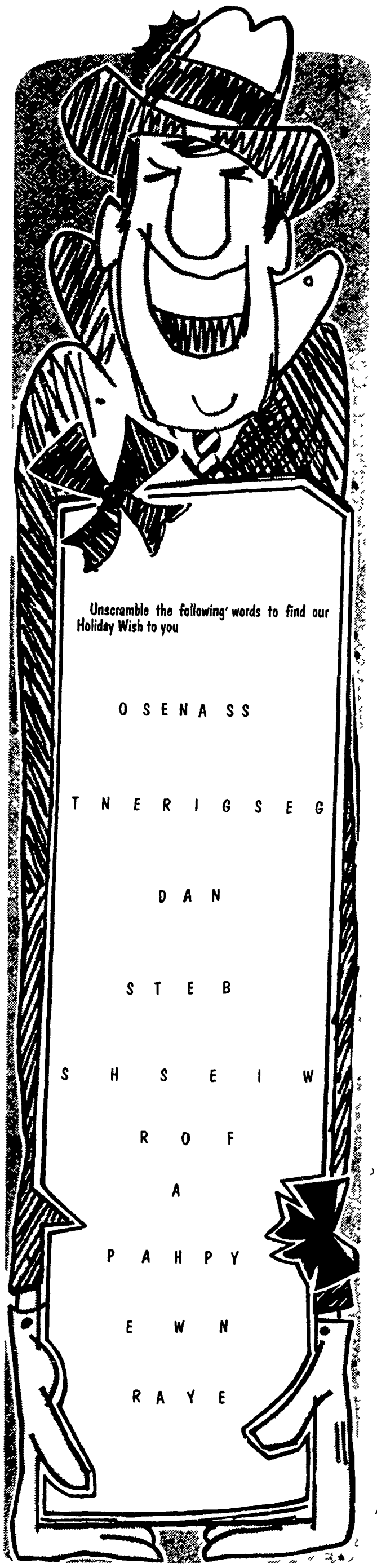
Christmas Corner for the kids



Unscramble the following words to find our Holiday Wish to you

O S E N A S S

T N E R I G S E G

D A N

S T E B

S H S E I W

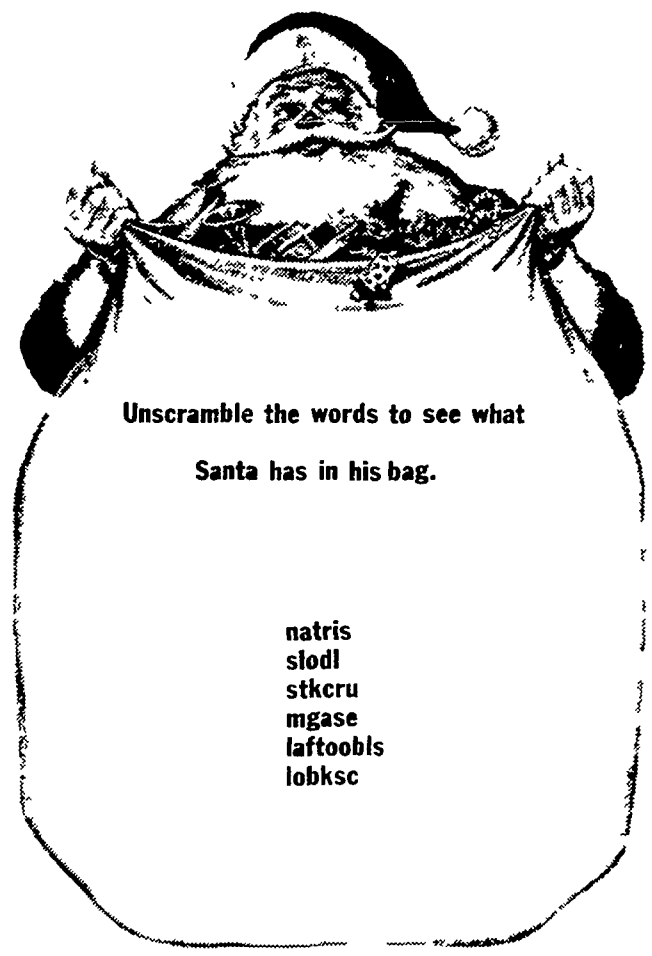
R O F

A

P A H P Y

E W N

R A Y E



Unscramble the words to see what Santa has in his bag.

natris
slodl
stkcru
mgase
laftoobls
lobksc

Questions to fill in the gift box

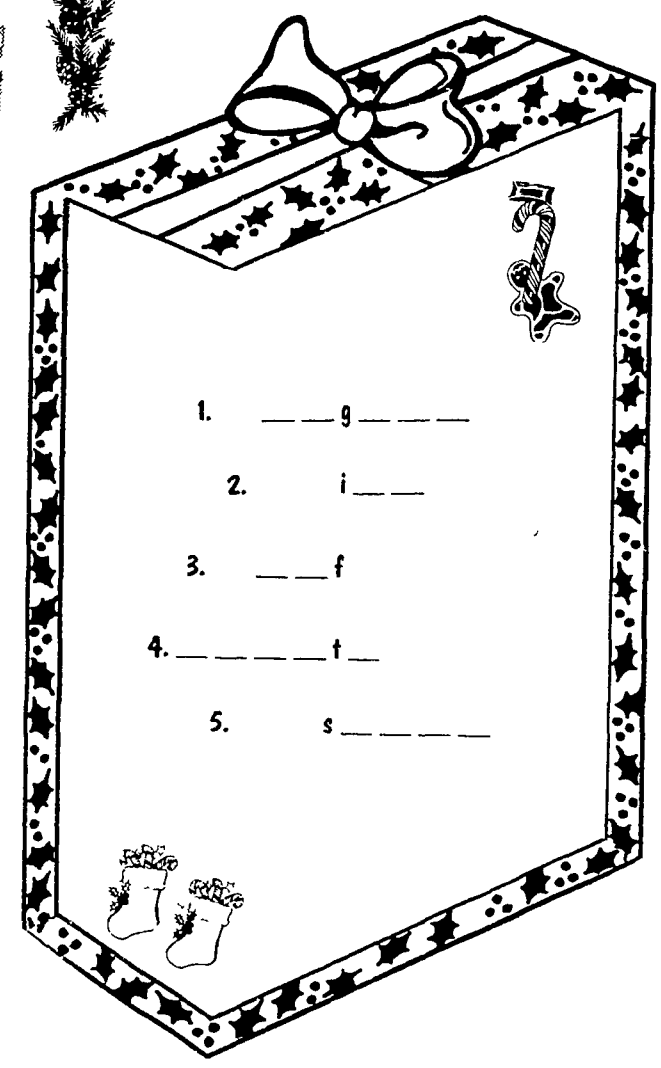
1. Sparkling _____ decorate the Christmas tree.

2. Christ was born at an _____.

3. An _____ helped Santa make your toys.

4. _____ the Snowman was a jolly happy soul.

5. His belly shakes like a bowl full of jelly.



1. ___g____

2. i___

3. ___f

4. _____t__

5. s_____

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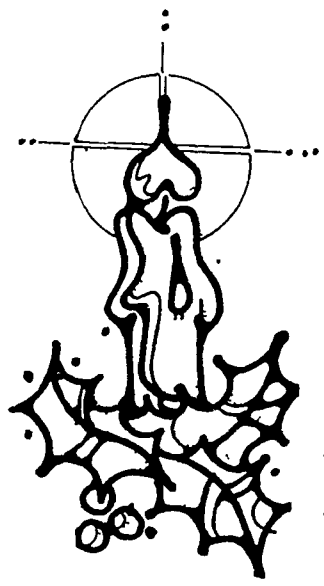

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

ABOUT HOLIDAY STAIN REMOVAL TIPS

In the excitement of the holidays there's bound to be a spilled liquid or a dripping candle that can cause a spot or stain. So plan now to buy a few basic items to help with stain removal emergencies. You will need paper towels, cleaning fluids, a sponge, oxygen bleach, chlorine bleach, petroleum jelly and an enzyme pre-soak.

The key to stain removal is immediate treatment. When company is present and a spill occurs, use paper towels to absorb as much of the liquid as possible. Soak a sponge in cool water and use it to remove further traces of the spill. Later, you can get down to the business of final stain removal.

Test any stain remover on a corner of fabric first to see how it reacts Treat spots from the back of the fabric Place the spot downward on some paper towels so that the stain will come off the fabric instead of going through it After treatment, regular laundering will ususally remove the last traces of the stain

Here are some special methods for treating the most common holiday-type stains

Sponge fruit stains, including cranberries, immediately with cool water Later soak in warm water and enzyme pre-soak. Then launder If possible, launder again using chlorine bleach

For gravy or milk stains, work a paste of detergent and water into the stain If a greasy stain remains after laundering, sponge with a dry-cleaning solvent Soak coffee or tea stains in warm water and an enzyme pre-soak or oxygen bleach and launder.

For candle wax spots, scrape off as much wax as possible. Then place the stain between layers of paper towels and press with a warm iron Next, place the stain face downward on paper towels and sponge the back with drycleaning solvent Launder when dry

For lipstick spots, rub undiluted liquid detergent into the stain until outline of stain is removed If after laundering, stain remains, sponge with drycleaning solvent

ABOUT HOMEMADE GIFT WRAP

Create your own gift wrap and give your gifts an extra personal touch this holiday season

- For a seamstress' gift, sew fabric scraps together to design a patchwork wrapping and use a tape measure as a ribbon
- Wrap a traveler's gift in a colorful road map
- Use comic sections from the Sunday paper to wrap gifts for children
- The sports section of the newspaper can serve as gift wrap for an athlete
- For an earthy look, try brown paper bags Decorate with leaves, pine cones or dried plants or nuts
- Plain construction paper, shelf paper or white freezerpaper can be decorated when used as wrapping paper.
- String pulling is a very ancient method of decorating paper. Dip about 24 inches of string in poster paint, lay it in swirls and loops on the paper. Lay another piece of paper over the coiled string and pull the string out in one continuous motion.

If you're the kind of person who really likes to get your hands into a project, dip the palm of your hand in poster paint and make handprints all over the plain paper.

- When you think you've mastered this, try making "bear tracks" by dipping just your palm in the poster paint. Make your palm print on the paper. Dip your fingers in the paint and print them just above your palm print

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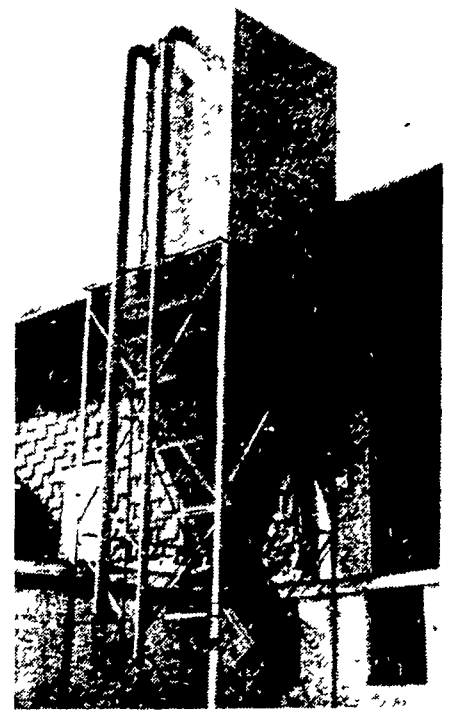

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Farm Women Societies

To all Farm Women Societies: Lancaster Farming would like to request that you send in your 1981 yearbooks as soon as possible so we can continue coverage of your scheduled events in the farm women calendar

Lancaster Co. Society 6

Lancaster Farm Women 6 held their covered dish Christmas Party Saturday, December 6 in the Fellowship Hall of the Church of God. Twenty-nine members and friends attended.

The following officers were installed for the new year president, Sara Myer; vice president, Muriel Taylor; recording secretary, Ruth Weidman

A Christmas gift will be given to the society's guest at the Harrisburg State Hospital and to the older members who have gone to retired homes through the years

Roll call was, "Where will you spend Christmas day?"

Christine Erb, an exchange student to Japan, talked about their customs and showed pictures of the country and the things they make.

The yearbooks were given to members for plans for the coming year.

Lancaster Co. Society 15

Eighty members, husbands and friends of farm women 15 held their annual Christmas banquet on Thursday, December 4 at Rhoads Restaurant, Quarryville

The program chairperson, Nancy Lefever, greeted the group with a poem she composed about the gingerbread man in honor of president Kathy Wagner. The gingerbread man was the theme of the party with a gingerbread man and copy of the poem at each place at the table.

Following the banquet the Solanco Youth Sing Out Group of fourteen members entertained with Christmas songs.

The retiring president, Kathy Weaver, commented on the past two years as leader.

Secretary Colleen Shoemaker recognized the fourteen members who had perfect attendance

Judy Greenleaf, chairperson of the ways and means committee reported $5780.98 had been made by the committee in 1980.

Jean Russel reported $50 had been sent for Christmas to the Lancaster County Crippled Children Society.

The program chairperson, Nancy Lefever presented the Wagners with a gingerbread house and a bracelet for Kathryn in appreciation for the two years as president.

Big sisters were revealed with gifts for all.

The January meeting will be at the home of Mrs Frances Fredd, Quarryville.

Lancaster Co. Society 29

Sharing Our Blessings was the program of Lancaster County Farm Women 29 on Monday, December 8.

The society divided into four small groups and filled food baskets with groceries and $25 worth of meat to take to a recipient family.

The group then met at Marian Brenneman's home for a business meeting.

Spring Rally will be held May 21 at Dickinson College, Carlisle.

In-coming president, Genia Ziegler, gave outgoing president, Doris Shenk, a gift from the group for all her hard work and great assistance the past two years

Berks Co. Society 12

Berks Co Society 12 met at the Bernville Rl home of Pauline Hartranft.

Before the meeting, members went to the Christmas Village for a tour. The women exchanged Christmas gifts at the meeting.

Pauline Hartranft will take the Christmas cookies that members made to the Berks Heim. Rita Stump will help serve refreshments at the Berks Heim Annex, Tuesday, December 16.

Gloria Christman, Glenn Hix, and Pauline Hartranft will meet at the home of Mary Leymeister to plan the calendar for 1981.

The county hoedown is April 18 at the Hamburg Field House. All proceeds will be used to buy hearing aids for Berks Heim

The next meeting will be held January 19 at 7 30 p.m. at the Boscov North Beauty Center. The members will hear a talk by a beautician.

York Co. Society 1

York Farm Women held their Christmas party December 6 at the Grandview Golf Club.

Seven past presidents and the York County president were in attendance.

Elfreda Herbst read the Christmas story.

Music was given by Michelle Rohrbaugh, accompanied by Lisa Alcanger

Seven members will attend the State Convention of Farm Women to be held in Harrisburg, January 12 and 13.

Mrs Esther Kagouovsky gave a very interesting talk on her native country of Ukraine followed by group singing of Christmas carols.

Members donated $50 to the Cerebral Palsy Fund.

The next meeting will be held at the home of Evelyn Page, January 7

York Co. Society 12

York Farm Women 12 met recently at the home of Mrs. Romaine Trout with Miss Barbara Kilgore, Airville, speaker.

Kilgore is the sixth generation living on a farm. She is a 4-H member. She displayed some trophies she received as awards.

A memorial contribution was given to Guinston United Presbyterian Church in memory of Mrs Myrtle Kauffman, a society member who died in October.

The society also held its annual Christmas party at noon on Wednesday, December 17 at Rutter's Restaurant, Red Lion

Dauphin County Executive Board

The Executive Board of Dauphin County met at the home of Ruth McMullin, December 6 for its regular meeting.

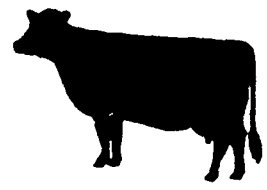
Mrs. McCorkle called the meeting to order and read a poem entitled "Living."

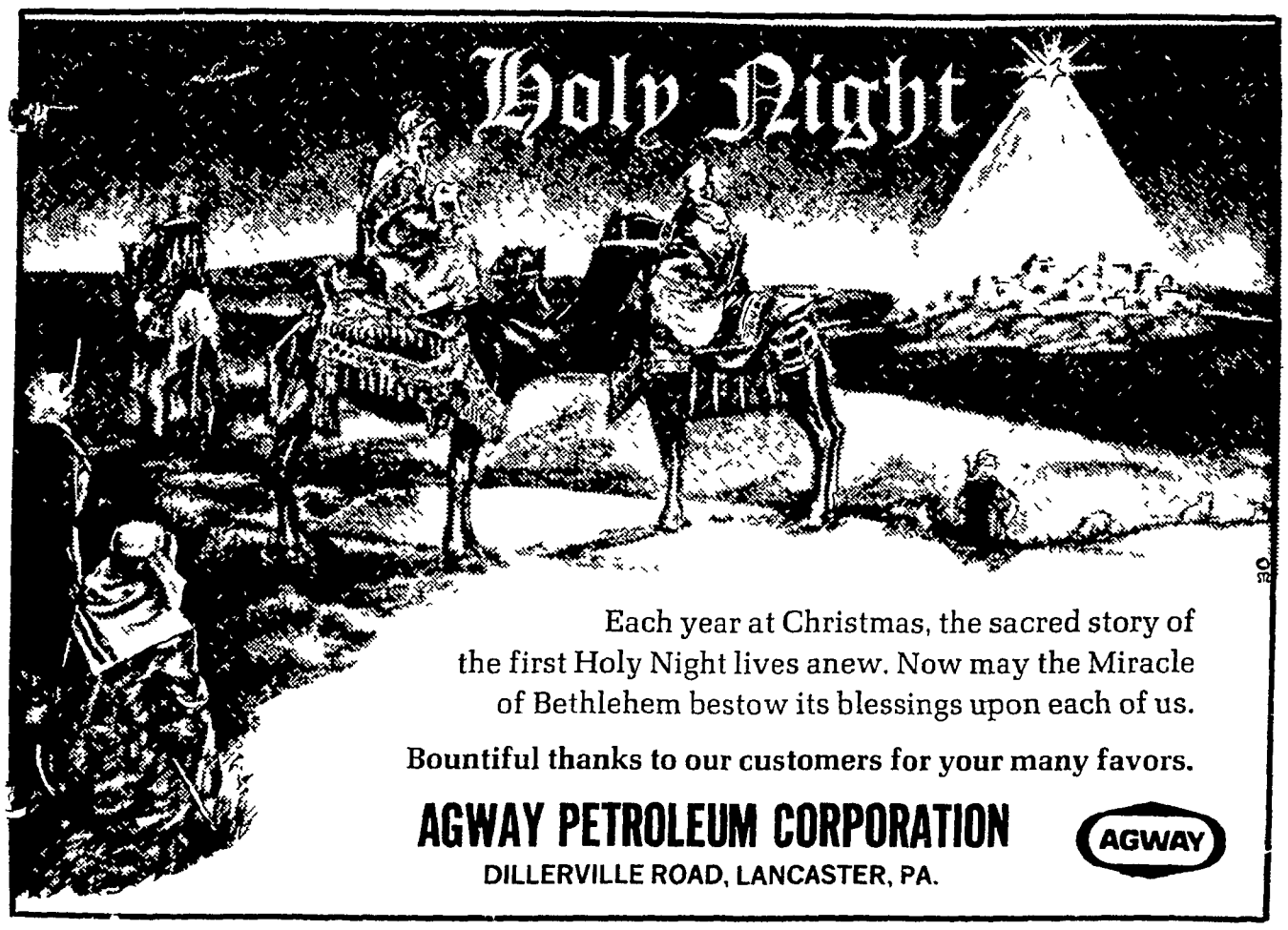
Roll call was answered by what member's husbands gave up their first Christmas.

Attending were: all officers, five past presidents, and four guests.

Information regarding 1981 state convention, including instruction and banquet tickets was discussed.

Those present were reminded to bring Good Grooming Kits for the State Hospital to board meetings.





Each year at Christmas, the sacred story of the first Holy Night lives anew. Now may the Miracle of Bethlehem bestow its blessings upon each of us.

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Brief answers
to short questions

Sheila's Shorts

By Sheila Miller

A Farm, FINALLY

Have you ever been haunted by a comment you made in passing at sometime or another?

Well, it seems I've adopted a ghost because in the past several months I've gotten more mail from **Lancaster Farming** readers in Brooklyn than anywhere else.

My surprise at the first letter, as you recall I wrote about in an earlier column, has not been diminished — every time I see a Brooklyn post mark, I blink (I just had my glasses changed, so it can't be my eyes playing tricks)

This time I received a post card from **Paul Jacobs, 2825 W. 12th Street, Brooklyn, N.Y. 11224.** He wrote

Believe it, believe it — I'm another subscriber to Lancaster Farming. I'm very interested in your corn fields, etc., etc.

Can you please get real estate agents to send me listings on a small retirement home in a small rural community? I would like a small two-bedroom home with about 3 to 5 acres of land — something to keep me busy in my retirement.

Mr. Jacobs, let me recommend you take a look at our classified ads in Section B. On those four or five pages, you'll find one of the largest listings of rural real estate published every week — take it from someone who has scoured those tiny boxes of ads for years

Like anyone else who is looking for a small farm or a large one for that matter, you'll have to get in touch with someone who is interested in selling a property — either an individual land owner or a broker

Then, based on where you would like to settle down and how much you can afford to spend on your ideal pastoral Shangri-la, you'll get to look at dozens and perhaps hundreds of possibilities

However, take it from one who has learned the lessons of farm-hunting over the past several years, BE SPECIFIC when you describe your dream home to a broker. You'll be saving yourself and the broker a lot of time.

Instead of them showing you a house on a quarter-acre lot with four bedrooms smack in the middle of the local speedway, you'll spend your time looking at homes that meet your needs Of course it always seems you find some brokers who are so starved for a sale they try to sell you the latest listing — a 250-acre dairy complex with a massive limestone house (just what you need for retirement)

The main thing to keep in mind is "Don't get discouraged" If you are patient and persistant, you'll find just what you're looking for

But then — won't I be losing one of my Brooklyn readers?

After three years of searching, we've finally found our farm Good luck with your endeavors Once you find a place you'll agree with me — it's a thrill that can't be matched.

Secretary defers calling corn reserve

WASHINGTON, D.C — Secretary of Agriculture Bob Bergland has deferred calling the farmer-owned reserve for corn, using new regulations put in place last Monday.

Bergland said even though the five-day moving average price has been above the $3.26 call level for corn for five consecutive days, the farm price for corn fell below the call point last Thursday, December 4, and remained below on Friday, December 5

"Market prices for corn, while strong, have shown some weakness in recent days. I am deferring a call for repayment of corn reserve loans in order to give the market additional time to send a clear signal The corn in reserve should not be forced onto the market at a time when prices are fluctuating," Bergland said.

USDA will continue to monitor prices and base reserve decisions upon them

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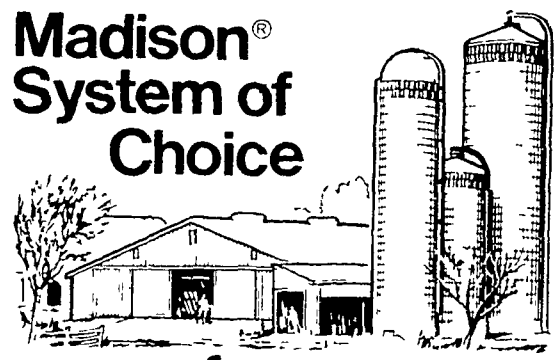

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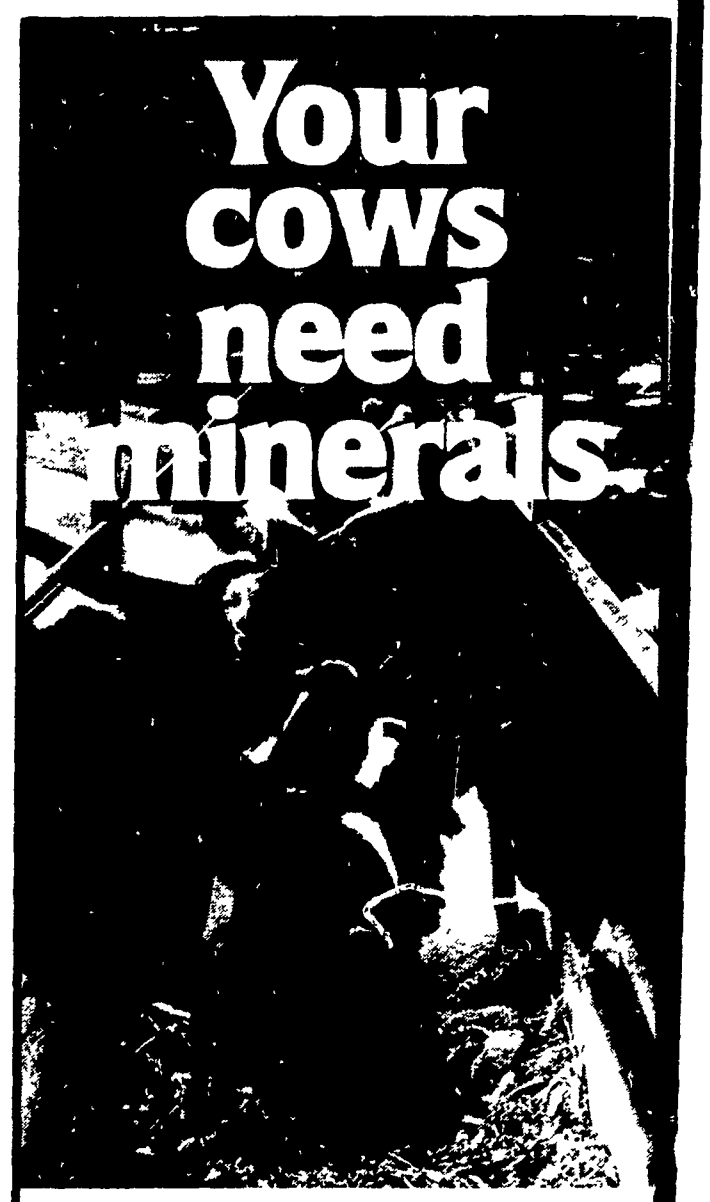

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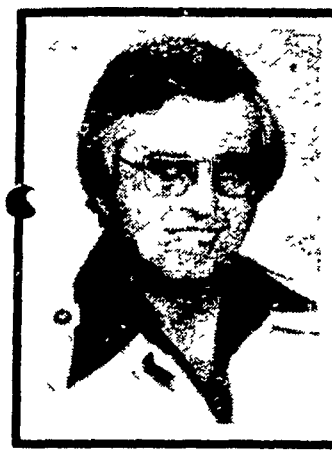

Farm Talk

Jerry Webb

The most efficient way to feed more than 200 million Americans and millions more foreigners would be from the production of a few large farms, but I don't think that's ever going to happen. At least not as long as Americans cling to the principles of democracy and free enterprise.

You can look around in some other industries and quickly realize that a handful of companies produce virtually all of the products.

Auto manufacturing is a good example. There probably aren't more than 20 companies worldwide manufacturing virtually all of our automobiles I read something recently where an expert was predicting that no more than seven of those automakers would survive into the next century.

Auto making, like so many other industries, started out as a backyard business with a lot of shade-tree mechanics tinkering around with old buggies trying to make them self-propelled As they succeeded and industry grew, it was characterized by fewer and fewer brands.

Today, in this country, we have the big three and a couple of smaller firms and some of them won't make it into the next century.

But in agriculture, things are different An economist could probably demonstrate how a few large farms, well-managed and highly mechanized, would be more efficient and would in fact produce more food. On paper, that plant might look quite impressive, but in practice I don't think it would work. And, in fact, it has no chance to work because of the millions of Americans who cling to a built-in, burning desire to farm

They farm despite economic adversity and better opportunities They farm long past retirement age even though they don't need the money because they'd rather do that than anything else. They even struggle to get into farming at a time when land prices are outrageous and farm profits are minimal.

Small farmers are here to stay even though their ever-expanding big farm neighbors would like to have their ground and some theorists think the farm system would work better without them. They're here to stay because they like to farm and they're willing to make the sacrifices necessary to stay in it.

In our area farmers have the best of both worlds and maybe at the same time the worst of both. They can cling to their relatively inefficient farming activities by working off-farm jobs that are usually available within relatively easy commuting distance And while they complain about the encroachment of surburbia, they enjoy the inflated land prices caused by non-farm demand

When it get right down to it, many of the small farmers are pretty much immune to the adversities of agriculture in general Sure, they suffer in a dry year and their prosperity goes up and down with the futures market But 10 bad years in a row and you'll still find them out there farming, getting what they can from the land, and paying the bills with off-farm employment. They have no intention or desire of giving up the land and moving to town, even though they may spend most of their waking hours in urban employment and job-related travel.

Given a choice between a run-down farm 50 miles from where they work and a nice home in a development right across the street from the plant, they'll stick with the land.

When you consider sources of income, farming is a parttime business throughout this country because farm families actually earn more from off-farm sources than they do from farming. That's a documented fact, and it simply means that farm families with one or more members working away from the farm and considering investments, savings accounts, and other sources of revenue actually earn more from those other sources than they do from the farm.

Maybe that helps explain why in some of the past disastrous farm years, farmers have been able to get themselves together and go back again for another try.

Some farmers do fail, and some do give up and move to town, and others retire and go to florida, but at the same time there is a growing list of people who would like to farm. Many of them have had no previous farm experience. These would-be farmers have their hopes and dreams and they're out there scratching around trying to figure out how to get started. And I'm convinced that some of them will make it.

Big-time farming may be the dream of a lot of people in agriculture, but it's a reality for a relative few The 5000 acre spreads are fairly rare, especially in the mid-Atlantic area, and some that do exist aren't all that profitable There also seems to be a point of diminishing return when it comes to agriculture. A farm can't just continue to grow and continue to be more efficient

Maybe that growth concept works in some other industries, but not in agriculture.

So don't expect super farms to take over in the next couple of decades. Small farmers will have to be reckoned with for years to come They may be producing a decreasing share of our food, but they'll continue to be an important factor in future farm policy and other rural considerations. And I wouldn't be at all surprised to see a strong resurgence of small activity during the next few years.

USDA to consider price before calling grain reserve

WASHINGTON, D.C — Secretary of Agriculture Bob Bergland has announced a change in the farmer – owned reserve program which will give the Secretary discretion to consider short-term price aberrations before calling reserves

"Until now, reserves would be called automatically if the five-day moving average price exceeded the call level for five consecutive days. With this change, the Secretary has the discretion not to call reserves if the daily adjusted average price for any of the previous five days is below the call point, "Bergland said. "This applies even if the five-day moving average price exceeds the call level for the required five days "

"This will give additional flexibility to avoid calling reserve loans in cases when erratic market forces push up market prices temporarily," Bergland said.

The regulations making this change were filed with the Federal Register on the morning of December 8.

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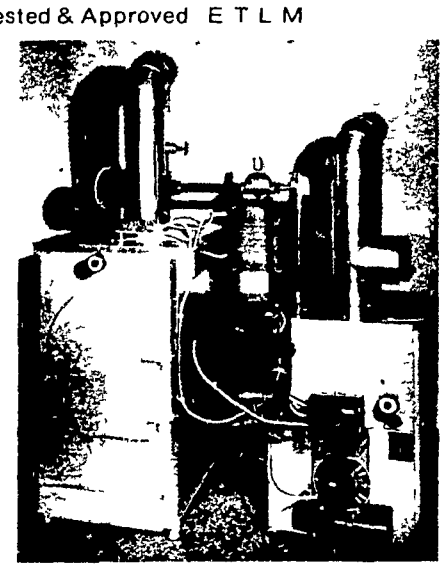

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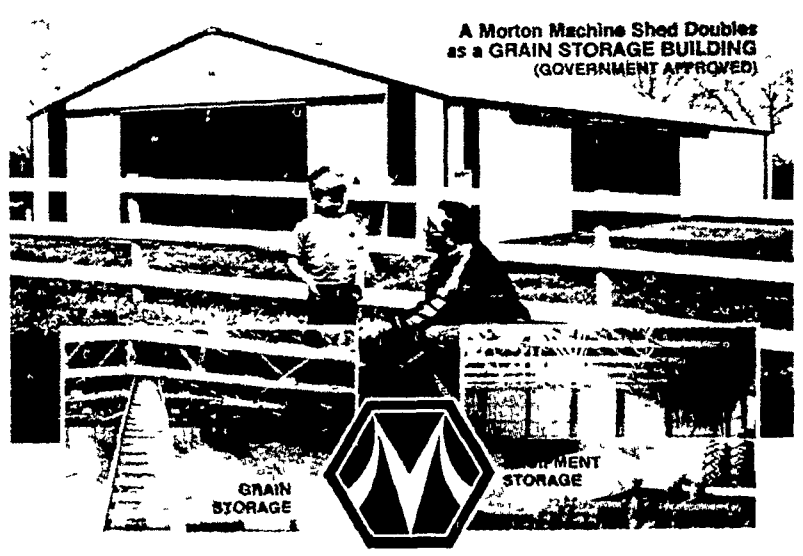

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McKean extension director to retire

SMETHPORT — C.E. Craver, McKean County Extension on Penn State's Extension Service staff, will retire December 31 with over 31 years of service.

A native of Cherry Tree, Cambria County, he was appointed to the Extension Service staff in 1949 as assistant Lancaster County agent. Several years later he transferred to Blair County agent and was promoted to McKean agent in 1956.

In 1978 he was named senior Extension agent, the highest rank attained in county extension work.

Craver earned two degrees from Penn State; a bachelor of science in 1949 and master of agriculture in 1964. During World War II, he served in the U.S. Army Air Force

The retiring extension agent conducted a five-year study to compare the use of 40 different lime and fertilizer application rates on McKean County soils.

The study, conducted in cooperation with Penn State agronomy specialists and the Soil Testing Laboratory, measured the effects of crop production at various fertility levels

Craver initiated a McKean County mastitis survey to determine the prevalence of the disease in cow herds. This was followed by an intensive educational program on mastitis control.

The extension agent assisted numerous farm families with aspects of farm and home financial management He also assisted dairymen with manure management problems and barn remodeling plans.

He has been on the staff of the All-American Dairy

Clarence E. Carver

Show and Pennsylvania Farm Show He served the Extension Service on various district, regional, and statewide committees in the areas of agricultural and natural resources

Craver has effectively used radio programs, newspaper articles, and newsletters to report agricultural information to residents of northcentral Pennsylvania His public relations efforts have earned him numerous awards in the Pennsylvania Association of County Agricultual Agents Information Awards Contest.

In 1972 he was winner of a Distinguished Service Award from the National Association of County Agricultural Agents for his service to McKean County's agriculture.

Craver is a member of the Pennsylvania and National Association of County Agricultural Agents, Masons, and Epsilon Sigma Phi, Extension honorary society.

He is married to the former Polly Rockey, of Petersburg. They are the parents of a son and daughter.

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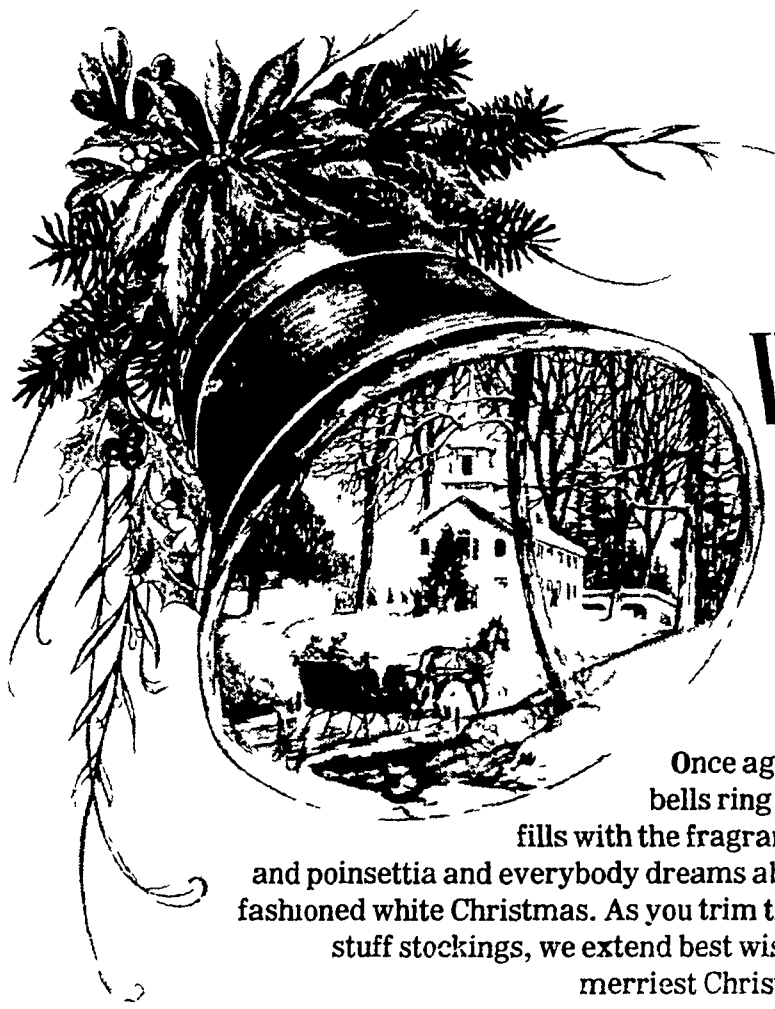

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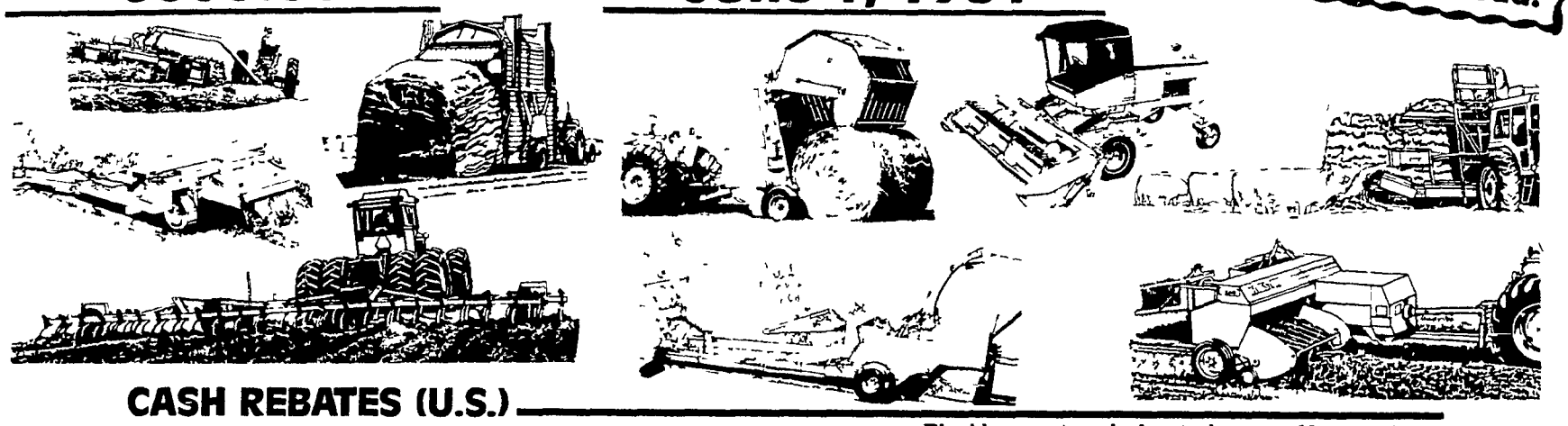

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1070	$ 350
1090 & 1091	400
1010 Hydro Swing	400
1014 Hydro Swing*	600
1180	350
SP Windrowers	
6650	$1000
6550	1000
6450	1000
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*2000-150	$ 650
*2000-100	650
*7020	250
7160	500
7150	400
7140	350
Rounder® Round Balers	
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4500	$ 500

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Eligible on units in dealer stock prior to Nov. 1, 1980

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2410 Single Disc - 41'	750
2410 Single Disc - 52'	900
Liquid Manure Spreaders	
1510	$ 300
1520	350
Stak-Hand® Hay Stackers	
60-A & 60-B	$1000
30-A & 30-B	800
10	500
Stak-Mover Models	
60-A	$ 350
30	200
Stak-Feeder® Models & Processors	
60-A	$ 350
30	300
SP-10 Feeder	350
SP Forage Harvesters	
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To June 1, 1981

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Everything you ever wanted to know about bamboo

WASHINGTON — Bamboo - the makings of furniture and fishing rods, right? Yes, but it's much, much more.

Its stiff, jointed stalks also provide scaffolding for Hong Kong high-rises, meals for giant pandas, tools, toys, weapons, and medicine. One scientist even has distilled a bamboo diesel fuel.

No other growing thing has so many and so varied uses, asserts Luis Marden in an article in National Geographic.

The plant occurs naturally on every continent except Europe and Antarctica. A thousand species produce stalks ranging from the size of field grass to 120-foot giants a foot thick.

They vary in color, shape, and size, but all feature a woody stalk. Most such stalks are hollow and are divided by joints called nodes.

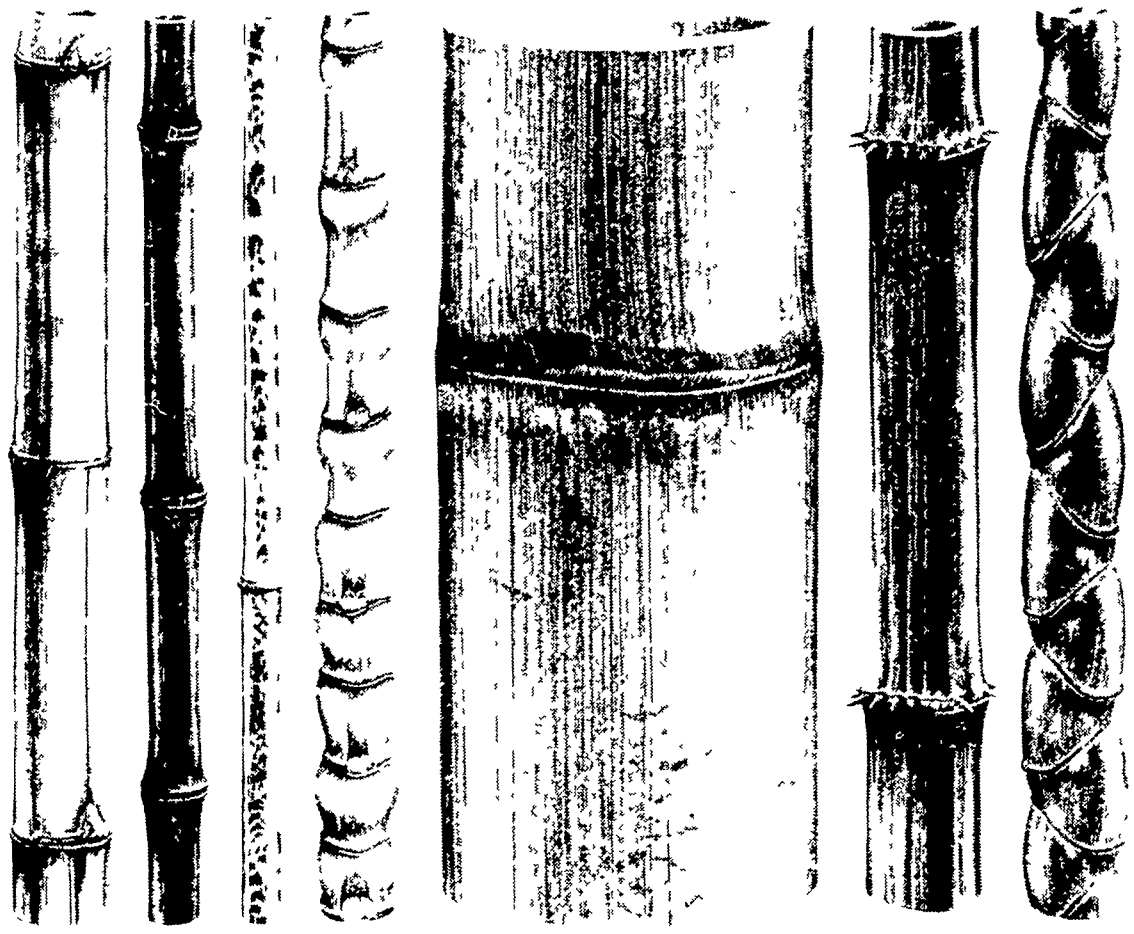
Bamboo is light, stiff, strong—and speedy. "No other living thing grows so tall so fast," Marden writes. One species in Japan grew almost 4 feet in 24 hours. "By watching closely, one should have been able to see it grow," he adds.

Bamboo typically sends up shoots every year. The emerging sprouts reach their full size and height in 60 to 90 days. The stalks are mostly water at this point and, if cut, would crack during drying. They are ready for harvesting in three to five years.

Occasionally, the giant grass stops growing. Most bamboo flowers only rarely, say every 30, 60 or 120 years. Then-obeying a built-in genetic clock - every plant of that species anywhere in the world will burst into flower. With flowering, the stalks die.

The grove lives on because

(Turn to Page C19)



Seven of bamboo's thousand or so species include, from the left, green striped, black, mottled, golden, giant, square and tortise-shell. The green striped is used to make paper. The giant can grow a foot across and makes good lumber. Most of these species are ornamental.

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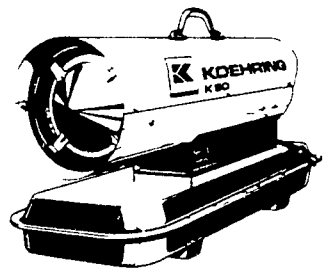

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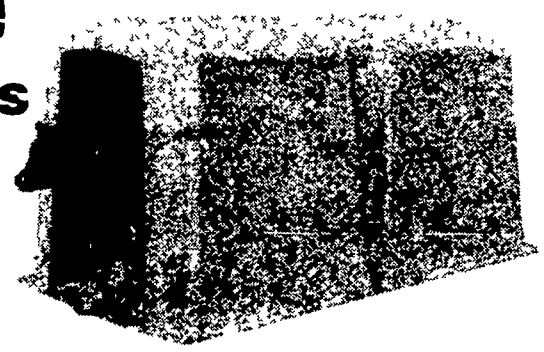

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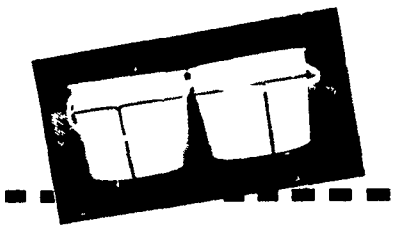

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All about bamboo

(Continued from Page C18)

some underground stems survive and seeds from the flowers takes root. But the seedlings may need five or 10 years to mature.

That wait can mean lean times for a bamboo grower-or worse for the rare giant panda. Chinese scientists have found 140 dead pandas in the hills of Sichuan Province. The recent flowering of umbrella bamboo-a mainstay in the animal's diet-has experts worried that many of the world's pandas may survive.

In some ways, the history of southern Asia is the history of bamboo. Notes Dr. W.Y. Hsuing, China's leading bamboo authority: "Our earliest records, long before the invention of paper in the second century B.C., were written on slips of green bamboo."

One book tells of the Chinese splitting and gluing strips of bamboo thousands of years ago. The same process produces bamboo fly rods today.

Bamboo shoots give texture and flavor to Chinese meals; thick cables of twisted bamboo suspends bridges; and herbal medicines of bamboo are used to treat fevers, prickly heat, coughs, and asthma.

China exports about 5,000 tons of tea stick bamboo a year. Much of it goes to Europe, where it is used for tomato supports, ski poles, fishing rods, furniture, or edge markers for snow-covered roads.

In Japan, bamboo is ever present. A classic wood-and-paper Japanese house has bamboo in its ceilings, moldings, and gutters.

Flutes, bows and arrows, planting pots, scarecrows, fences and articles for the tea ceremony are a few of the items made from bamboo.

There is even a bamboo "wife," invented long ago as an air conditioner of sorts.

Explains Marden: "It is a woven basketwork cylinder about 5 feet long, which the sleeper embraces and throws one leg over, so that cooling breezes can pass through."

Bamboo not only can cool, but can light. A wax from inside young stalks once fueled candles in homes of great Oriental lords. Centuries later, inventor Thomas Edison needed a filament for his light bulb. He tried more than 6,000 materials and found charred fibers of bamboo the best, though tungsten has since proved superior.

In India, bamboo frames the farmer's life. "As in China and Japan," Marden writes, "the Indian countryman used to have his umblicial cord cut with a bamboo knife. He is rocked to sleep in a bamboo cradle; as a man, he farms with tools made of it; he feeds it to his cattle, and eats it himself. Ultimately, he is carried to his grave on a bier made of bamboo."

More uses for the plant are being tested at a forestry research center north of New Delhi: as a reinforcement for concrete, a replacement for steel bolts, or laminated with plastic to make walls or boat hulls.

Bamboo is the source of two-thirds of India's paper.

"The yield of an acre of bamboo does not equal that of a softwood such as pine, but remember that a culm (stalk) reaches full growth in two to three months and is harvestable in three to four years; a tree might take 20 years," Marden writes. "On a paper-hungry planet rapidly being denuded of its forests, bamboo may yet be a savior."

Predictions for 70's trail corn yields actually achieved

DEKALB, Il. — A thoughtful article titled "Where Will Corn Yields Top Out in the Seventies?" was written 10 years ago by a nationally recognized, highly respected Midwest agronomist. When written, it represented some of the current best thinking about future corn yields.

In 1969, U.S. farmers harvested an 86 bushel-per-acre corn crop, up 31 bushels in nine years. Everything considered, said the author of the article, U.S. yields could be expected to fluctuate from about 75 to 85 bushels per acre, depending on weather during the 1970's. Actually, they fluctuated from 72 (in 1974) to 109 (1979) and averaged 89.6 over the 10 years.

The paper suggested that the total U.S. corn grain crop could be expected to be 6.21 billion bushels by 1980. Actually, it was about 6.41 in 1980, but that is 17 percent below the record set the previous year – well beyond what was considered a reasonable expectation 10 years earlier.

Even experts have historically tended to underestimate future agricultural productivity. Strong economic forces come into play and the American farmer is quick to seize what looks like an opportunity. Our forecaster may have anticipated some genetic improvement in corn hybrids, but he did not expect plant populations to continue to increase during the 1970s. Nor did he reckon that fertilizer application rates would become heavier throughout the decade.

The fact is that farmers improved most every facet of their cultural practices so they were ready when favorable weather blessed the 1978 and 1979 corn crops. Those same improved cultural practices prevented 1980 crops from being as disastrous as would have been true had the same heat and drought conditions occurred ten or more years ago.

Where are corn yields headed? They've been trending upward at one bushel per acre per year if you start with 1920's national 30-bushel yield average and assume 1980's to be 90. The trend line is steeper if you start with a more recent year, like 1955.

A look at world foods needs in the year 2000 convincingly shows that there will be very strong demand for grain products. Strong demand translates into favorable price. Given economic incentive, America's farmers will continue to adopt advanced technology and techniques.

Put improved hybrids and improved technology together on America's farms and it seems safe to predict higher corn yields during the 1980s and even higher productivity for the decade of the '90s. One to two bushels per acre per year seems entirely reasonable if one is to make a guess.

What is this season? A time for family gatherings. A time for fond remembrance, happy anticipation. A time for reflection, rededication. A time for reaching out to others. A time for joy. A time for kindness. A time for love. A time for peace. Best wishes for this holiday season.

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Miller named chief of ag marketing division

ANAPOLIS, Md. — Sidney C. Miller has been named Chief of the Maryland Department of Agriculture's Division of Marketing by Agriculture Secretary Wayne A. Cawley, Jr.

Miller, whose career in agricultural marketing and promotion of Maryland produced products spans 20 years, takes over the responsibilities formerly carried out by Ronald L Johnson, who recently resigned to take a post with USDA.

"Maryland agriculture and the Department have been well served by Sidney Miller and I am confident that Sid's new duties will enable us to build upon that very positive record," commented Cawley.

Miller joined the Department of Markets of the University of Maryland in 1960 after service in the U.S. Navy, five years of work with The Wilkens Coffee Company and a stint as a vocational agriculture teacher in Howard County.

His first marketing project with the Department of Markets was a pioneering effort on behalf of the Maryland Sweet Potato Association in developing regional markets and promotions for that product.

He also worked with the Maryland Egg Council, an association which has lasted happily for both parties through to the present time; and was instrumental in early organizing and promotion efforts on behalf of the Maryland Pork Producers Association, the former Maryland Beef Cattle Producers, Inc and

Sidney C. Miller

the Maryland Apple Commission

In addition to working with these groups, Miller in the 1960's assisted the Delmarva Poultry Industry, Inc. organization expand its annual chicken cooking contest into one of the best known national cooking contests

However, his area of specialization has been in the field of international marketing first through the Eastern United States Agricultural and Food Export Council (a Northeastern states ag export council) and a Southern United States Trade Association (SUSTA) which he helped organize in the early 1970's. At present Mr. Miller serves as the SUSTA program chairman, and as Secretary- Treasurer of NAMO (National Agricultural Marketing Officials.)

In 1975, Miller was named to head MDA's Marketing Services section when the Division relocated to Annapolis, a post which he has held until present.

A native of Quincy, Florida, Miller is married to the former Mary Ann Thornett, and is a resident of Gambrills, Anne Arundel County. The couple have a daughter, Pam. Miller is an Elder of the Wildercroft Church of Christ in Riverdale, Prince George's County.

Following his service with the Navy, Miller worked his way through the University of Maryland where he received a BS in Agricultural Education, and later, a Master's degree in Agricultural Economics.

NACA holds export symposium

WASHINGTON, D.C — Implementation of the U.S law governing the export of pesticides not registered for use in this country was the central theme of a meeting held here Thursday for representatives of some 50 countries.

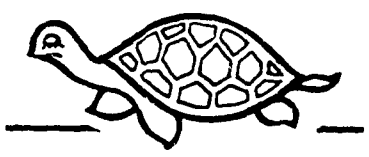
The symposium, sponsored by the National Agricultural Chemicals Association, was designed to clarify the status and disposition of unregistered pesticides, such as the exportation of U.S.-produced chemicals for which there are no uses in this country.

A 1978 federal law requires that all exported pesticide products, registered and unregistered, bear labeling. Specific notice must be given to the country of import of pesticide products unregistered by the US Environmental Protection Agency

The symposium also featured speakers from the U.S. House of Representatives Committee on Agriculture, EPA and the U.S. State Department.

Charges by special interest groups that the industry dumps unregistered pesticides on the international market were challenged by Jack D. Early, NACA President. One explicit reason for holding the symposium was to dispel such erroneous charges, he said

DON'T BE SLOW



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SEASONS GREETINGS

"For God So Loved The World, That He Gave His Only Begotton Son, That Whosoever Believeth in Him Shall Not Perish, But Have Everlasting Life."

John 3:16

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Farm Business News

PennAg to sponsor driver training

CAMP HILL — A defensive driving program, shown to reduce both the number and severity of truck accidents, will be held January 19, 1981 in Camp Hill

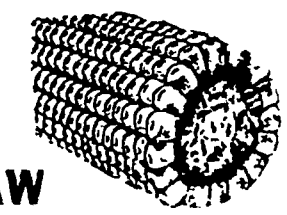
The day-long school, sponsored by PennAg Industries Association, is for anybody who drives, although the emphasis for the day will be on agribusinesses.

Course instructor will be Richard Charles, Chittenango, New York, formerly driver training manager for Agway, Inc. This is the third year that he will have taught the course for PennAg, which offers the school as part of its continuing effort of education programs to upgrade the quality and skills of both management and employees.

Reservations for the course can be made through PennAg, by calling 717/733-2238. There will be a nominal charge for materials and lunch.

Deadline for reservations is January 12.

More farmers each month prefer to buy their



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Penn Dutch names 3 new salesmen

LEBANON — Three appointments to the sales staff of Penn Dutch Farm Systems have been announced by Russell Darkes Jr., president and general manager.

They are.

Ray Witmer, of Belleville, Pa., who will cover his home county of Mifflin and the counties of Centre, Clearfield, Cambria, Blair and Huntingdon.

David Payne, of New Milford, Pa., whose territory includes Susquehanna, Lackawanna, Wyoming and Bradford east of Rt. 220.

Bill Raab, of Sussex, N J , who will cover the entire state, along wit 1 Wayne, Pike and Monroe counties in Pennsylvania.

The Penn Dutch Farm System line of products includes Sealstor silos, liquid manure systems and Laidig bottom unloaders.

Ray Witmer

Bill Raab

David Payne

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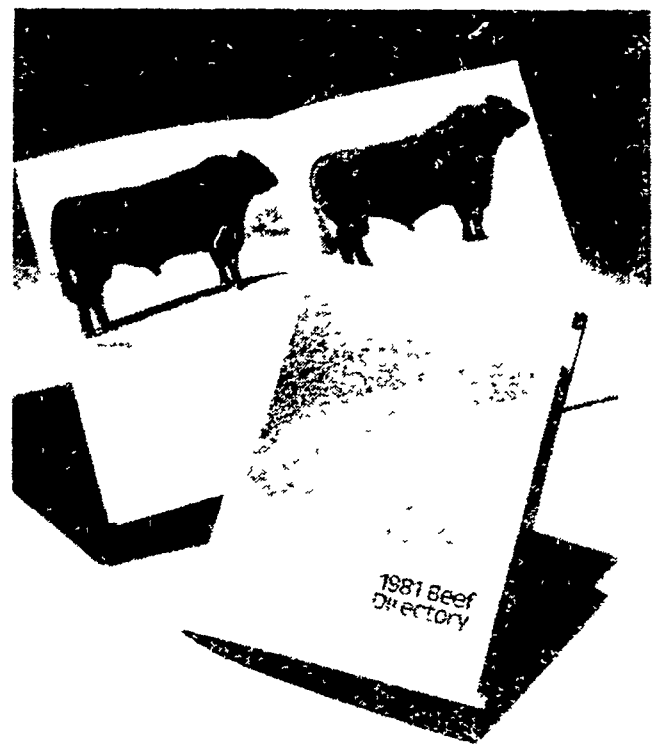
Read Home On The Range and Junior Cooking Edition

ABS offers Beef Directory



To assist cattlemen in selecting their herd sires for 1981, American Breeders Service has just published a new 40 page, full color beef sire directory. This directory features over 70 leading beef bulls from 17 different breeds with performance information on calving ease, growth rate and maternal traits. Cattlemen interested in breeding either all or part of their beef herd artificially can get a free copy of ABS' 1981 Beef Directory from their local ABS representative. Or contact American Breeders Service, DeForest, Wisconsin 53532.

Merry Christmas and Best Wishes For A "Warm" New Year!

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HYBRED PORK, Reinholds
KAYLOR'S GARAGE, Penryn
L&L PIG PRODUCERS, INC., Lebanon
DAVE LANDIS, Lititz
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LUKE SENSENIG, Reinholds
T.P.T.P., Mt. Nebo
TOM WEIDMAN, Lititz
WEAVER CONSTRUCTION, East Earl
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PAUL WENGER, Lititz
YORK PORK, Red Lion
LUKE ZIMMERMAN, Ephrata
NEVIN ZIMMERMAN, Milbach

Farm Business News

Pep-L-Lea Hilton

Hilton enters co-op stud

OXFORD — Pep-L-Lea a young bull bred by Robert Pepple of Oxford, Chester County, has been selected to enter the 1980 young sire sampling program at Atlantic Breeders Cooperative He is one of 40 Holstein bulls to enter the program this year and will be known as 15H387 Hilton.

During sampling, Hilton will be randomly mated to approximately 600 Holstein cows through artificial insemination service in herds owned by Atlantic members He will remain at Lancaster headquarters barns for the next four years as he continues to grow and await evaluation of his progeny If the results prove satisfactory, Hilton will go into extensive service throughout the Cooperative's 11,000-member area and his semen may be marketed to other parts of the world

The bloodlines in this young bull's pedigree are specially selected for Atlantic's breeding program His sire, Wapa Arlinda Conductor, is classified "Excellent" in body conformation and received the Gold Medal Sire award earlier this year from the Holstein Association of America.

Hilton's dam, W-V-U Elevation Hulda has a 297-day production record of 17,610 pounds of milk and 663 pounds of fat at two years of age. She is classified Very Good at 87 points in body conformation in Pepple's herd Her sire is the well-known Round Oak Rag Apple Elevation, scored "Excellent", and is a Gold Medal Sire Her dam, a Kingpin daughter, has two records over 22,000M and 650F and scored 'Very Good" at 88 points

15H387 Hilton is available to dairymen who call the Atlantic Breeders Cooperative toll-free phone numbers, 717/569-0411, 800/732-0391, or 800/233-0216

Banks sign merger agreement

BROWNSTOWN — Directors of American Bank and Trust Co. of Pa. and The Brownstown National Bank have signed a definitive merger agreement, according to a joint announcement made today by Samuel A McCullough, President and Chief Executive Officer of American Bank, and Paul D Wenger, President of The Brownstown National Bank

The Brownstown National Bank, founded in 1908 and headquartered in Brownstown, Lancaster County, has branch offices in Leola and Rothsville in addition to a wholly-owned subsidiary, Brownstown Agri-Loan Corp.

The bank reported the following unaudited figures at September 30, 1980: $40,263,000 in total assets; $34,713,000 in total deposits, and $26,523,000 in total loans.

Under the terms of the merger agreement, American Bank will be the surviving institution. Brownstown shareholders will receive 8½ shares of American Bank stock in exchange for each of their existing shares, or they may elect to receive cash value of $123.25 per share. The ability to receive cash, however, is limited to a maximum of 19,500 shares. At September 30, 1980, Brownstown had 40,000 shares of common stock outstanding, and American Bank had 6,893,443 shares outstanding.

The proposed merger is subject to approval by the shareholders of both banks at meetings tentatively scheduled for early in 1981, and by appropriate Federal and State regulatory agencies. Both banks believe the proposed merger will enhance banking competition and services to customers in the area, and they anticipate favorable consideration from regulatory authorities.

American Bank, headquartered in Reading, has 66 community branch banking offices in Berks, Chester, Lancaster, Lebanon, Lehigh, Montgomery, and Schuylkill Counties. At September 30, 1980, American Bank reported $1,900,395,000 in total assets, $1,640,171,000 in total deposits, and $1,311,905,000 in total loans.

Offers free test book

LITITZ — The Nebraska tractor tests – how do they work? What do they mean?

A free booklet is available that explains, and also presents official test results for 27 four-wheel-drive tractors tested between 1977 and 1979. It's available now at Steiger Tractor dealerships.

Since 1920, more than 1300 tractors have been tested at the University of Nebraska Laboratory at Lincoln, NE. Those first tests were done to protect Nebraska farmers from exaggerated horsepower and performance claims. Today, the tests take on a far greater significance, as the results are recognized worldwide as the source of objective information about agricultural tractors.

The tractor dealers across the country are making these free booklets available as a public service so that farmers can better analyze the purchase of their next four-wheel-drive tractor.

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The Friendly First's Agricultural Loan Division is headed by Bob Badger He will gladly sit down with you and work out a loan package that gives you exactly what you need And Bob will use the Friendly First's *flexible payment schedules* to make sure you get a loan you can live with comfortably

So whatever your needs may be — operating capital, livestock, machinery, construction, farm mortgages or estate planning — make it a point to visit the Friendly First Because no area bank understands farming and farm finance better

THE AGRICULTURAL LOAN DIVISION OF
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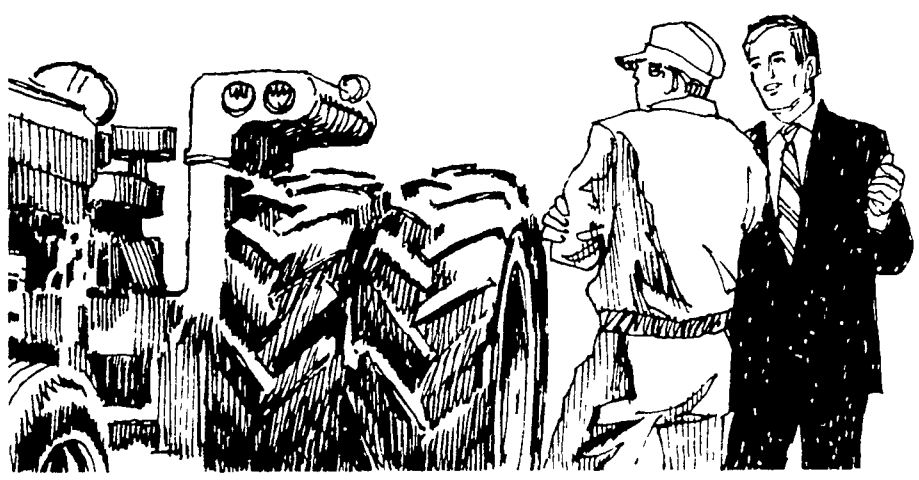
THE FIRST NATIONAL BANK OF LANCASTER COUNTY
Lancaster County's Oldest National Bank



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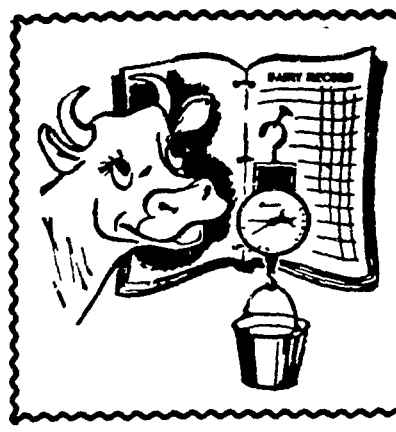

Adams County DHIA

Adams County DHIA
Annual Summary

Fifty four herds with an average of five or more cows produced an average of over 400 pounds of butterfat
A complete list of these herds follows

OWNER BREED	NO COWS	LBS MILK	LBS FAT
Noel & Holmes 3	60 0	19,246	753
Piney Lane Guernseys 2	55 8	14,088	705
Yelow-Buttercup Farm 3	108 0	17,923	701
El Rho Farm 3	51 9	17,267	666
Brown Valley Farm 3	72 2	17,273	663
Stoner Bros Dairy G3	66 7	17,646	658
Weim Sharr Farms 3	75 0	18,142	654
Leroy Deputy B3	109 4	20,518	653
Roy A Weaner, Jr 3	56 3	16,268	649
Kling Ayr Farms 3	39 9	16 995	646
Buttonwood Farms 3	114 2	17,202	641
James E Miller 2	30 9	12,514	633
William Myers B3	35 9	17,094	633
Ray Dutterer G3	58 5	16,175	632
Richard K Herr B3	69 1	17 597	617
Eugene Witter B3	47 0	15 748	611
Penn Gate Farm 3	41 5	17,300	602
Zeppdale Farms B3	109 6	16,152	598
Donald Todt B3	43 4	15,853	593
Wayne H Rodgers B3	/6 7	14,851	592
Stone Manor Dairy 3	45 5	17,807	582
Kraybill Miller B3	39 6	15,025	579
M J Starner & Sons B3	103 4	14,159	577
Leroy Basehoar B3	63 1	14,952	572
Adam F Lobaugh 3	44 2	15,427	572
Lagging Stream Farm B3	106 4	14 964	572
Richard Mills G3	56 7	13,703	562
Grove Bros B3	71 0	15,001	560
Frank Ludwig B3	38 1	14,404	546
Shamrock Farm B3	58 4	14,461	544
William C Mearns, Jr B3	73 2	13,816	535
Roger L Sprague B3	52 0	13,920	534
John J Hess B3	100 1	14,643	531
Getty Acres B3	167 1	14 252	525
Robert & Linda Meyers B3	56 8	14 135	522
William G Inskip G3	56 7	13,560	520
Ber Crk 3	61 0	13,894	517
Rinker Bros B3	39 7	14 035	516
Robert L Rohrbaugh G3	57 3	14 156	507
Pleasant Acres G3	52 4	12,251	505
M R & C S Durboraw B3	49 5	13,399	500
Glenn & Janet Lippy B3	112 0	12 828	497
Robel Acres 3	111 9	13 907	491
James C Behney B3	49 1	13,060	489
Way Brite Farms B3	123 4	12 299	486
J Howard Stiles 4	60 8	9,392	478
Pennstead Farm 3	37 5	13 697	478
Oscar E Mehring B8	35 0	11 965	464
Guy Tanger 3	32 9	12,106	444
Bonnie Bud Acres 4	32 5	9,206	442
Rhodes Enterprises B3	83 7	13,112	423
Kehr Acres B3	69 9	11,540	419

One hundred and seventy four cows were eligible to receive recognition for producing a minimum of 100,000 pounds of milk or 4000 pounds of butterfat during their lifetime

OWNER NAME OR NO	BREED		LBS MILK	LBS FAT
Guy Tanger 19	RH	01 21 67	146,913	5462
1	RH	12-09 67	102,784	3805

(Turn to Page C24)

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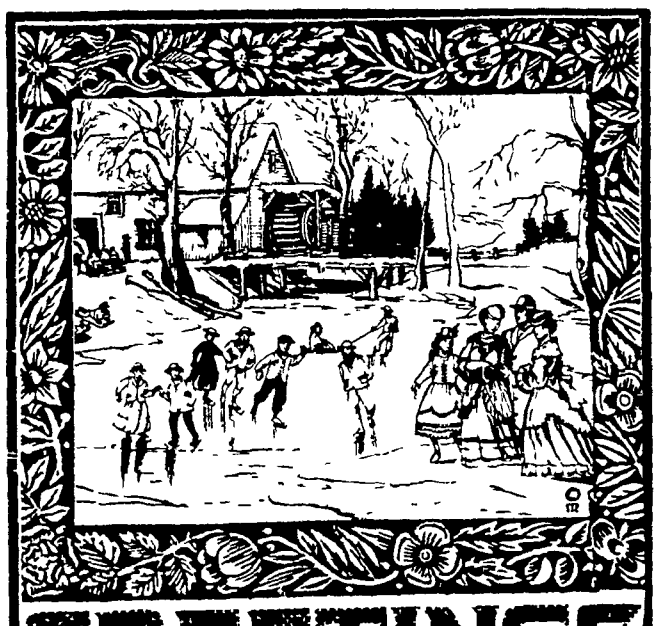

GREETINGS

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Adams Co. DHIA

(Continued from Page C23)

Noel & Holmes					
Lori	RH	01 29 71	123,558	4783
Peppie	RH	08 23 72	120,640	4889
Nellie		10 09 71	115,076	4667
Darcy	RH	06 03 71	106,172	3894
Poppin	RH	09 21-72	104,820	4252
Lally	RH	09 14 72	102,267	3809
Beryl	RH	02 25 71	99,956	4235
Glamour	RH	04 29 72	97,291	4113
Emera	RH	02-10 73	92,743	4069
Stoner Brothers				
Carol	RH	11-02 62	225,815	9574
Leslie	RH	06 11 68	180 383	7123
Mona	RH	09 06 69	163,475	5642
Lela	RH	07 11 70	159 325	5243
Cora	RH	05 23 70	134,154	6022
Lynet	RH	01 13 77	123 699	4496
Rose	RH	11 18 71	116 983	4445
Phyllis	RH	12 23 71	112 532	4154
Flip	RH	07 25 71	110 763	4503
Helen	RH	04 13 72	109,571	3655
Addie	RH	08 18 72	100 499	3608
Brown Valley Farm				
Evie	RH	11 17 70	131,101	4728
Adaline	RH	08 12 71	121,167	4197
Vitoria	RH	05 12-71	120,513	4308
Lacy	RH	08 02 71	114,660	4212
Alta	RH	12 19 70	11,316	4244
Penn Gate Farm				
Quincy	RH	04 28 69	141 213	4717
Crabbey	RH	06 28 70	134,478	5023
Rene	RH	11 13 70	113,838	3832
Vickie	RH	04 14 71	104 449	3481
Queenie	RH	09 19 69	103 578	3563
Seth	RH	07 16 71	100 263	3148
Penstead Farm				
Emra 11	RH	04 20 68	134 489	4587
Bess 10	RH	11 18 68	133 329	4968
Bess 9	RH	12 09 68	114,144	4222
Adams F Lobaugh				
Izzi	RH	12 13 70	102 790	3441
Oscar Winters				
31	RH	06 16 71	105 708	3971
Robel Acres				
50	RH	05 24 69	122,167	3838
55	RH	01 11 71	104 915	3614
126	RH	11 06 70	102,887	3149
Piney Lane Guernseys				
Linda	RG	01 10 68	150,431	7425
Promo	RG	05 27 68	101,900	4723
Coretta	RG	07 19 70	94,614	4386
Elissa	RG	02 10 70	83,591	4514
Peom	RG	09 03 71	81,646	4021
M J Starner and Sons				
17A	RH	10 03 68	167 399	6049
50	RH	09 25 67	160 081	6032
43	RH	01 20 68	141,881	6344
52	RH	01 20 68	129,691	6009
Dilly	RH	02 03 70	125,341	5834
115	RH	10 18 66	120,122	4398
31	RH	01 12 70	119,482	5598
54	RH	08 15 70	116,995	4287
30	RH	09 21 70	110,027	4489
62	RH	09 09 71	109,201	4529
42	RH	02 15 72	108,216	4944
138	RH	09 08 71	106,031	5047
18	RH	11 26 71	105 558	3996
124	RH	10 26-71	105,113	4268
169	RH	03 05 72	95,740	4553
Frank Ludwig				
92 Mol	RH	03-11 68	128 093	4539
James C Behney				
Mary	RH	12 08 64	157,890	5577
Spot	RH	04 10 70	122 461	4249
Leroy Basehoar				
54	RH	01 01 70	124 952	4312
45	RH	07-28 70	120,776	4131
Delores	RH	10-05 69	100,764	3543
37	RH	11 17 69	110 699	4270
10	RH	09-16 69	98,062	4045
66	RH	08 15 71	92,655	4223
Donald Todt				
Sandy	RH	12 21 68	112 450	4617
Sue	RH	08 26 69	111 603	3819
Lucinda	RH	04 20-71	106,545	3984
Henerta	Rh	03 03 72	102 610	3843
Kraybill Miller				
Phyllis	RH	10 04 66	169 769	6227
Tina	RH	04 15-66	150,645	5905
Rae	RH	07-25-69	128,972	4620
Sara	RH	07 17 70	121,533	4644
Marlene	RH	06 16 71	115,918	4218
Kling Ayr Farms				
Charlen	RH	07 17-70	133,568	4522
Colleen	RH	08 09 70	132,753	4715
Cindy	RH	08 14 70	118,481	4492
Dorothy	RH	08 07 71	115,670	4471
Evelyn	RH	02 01 72	109,729	4165
Buttonwood Farms				
Artis	RH	02 13 70	146 928	5348
Admiss	RH	12 29 71	105,068	3444
Reflect	RH	05 05 71	101 410	4200
Roy A Weaner				
35	RH	09 20 69	161,357	5982
48	RH	10 01 69	140,267	4900
60	RH	10 31 70	117 825	4246
12	RH	10 22 71	116 562	4595
29	RH	12 17 71	102 396	3857
50	RH	10 24 70	98 503	4237
Lagging Stream Farm				
Althea	RH	04 20 67	158 791	5955
Dolly	RH	06 16 68	141,913	5088
Randy	RH	07 02 69	137,487	4835
Daisy	RH	02 25 70	122,190	4535
Wendy	RH	09 27 69	106,314	4435
Cupid	RH	09 26 72	100 175	3144
Kehr Acres				
143	RH	10 05 66	136,597	4954
William G Inskip				
59	RH	04 16 69	131,090	5141
74	RH	09 12 71	123 856	4376
23	RH	12 16 67	118 247	3947
28	RH	16 16 64	113 308	4714
77	RH	06 25 70	103,743	3519
76	RH	08 20 68	102 208	3645
84	RH	01 20 71	91,217	4259
Richard Mills				
52	RH	04 28 72	103 592	4324
Glenn & Janet Lippy				
Blackie	RH	06 16 70	149,405	5094
Gerry	RH	07 28 70	146 899	4680
Bgeorge	RH	06 16 70	145,322	4602
Fherman	RH	01 18 70	128,719	4315
Lgeorge	RH	01 22 69	122,888	4389
Happy	RH	06 30 69	117,928	3825
Lucky	RH	05 01 69	104 331	3462
Ray Dutterer				
Gayer	RH	01 24 66	113,250	4862
Charty	RH	07 30 70	106,867	4690
203	RH	07 20 70	102 835	3980
Tiny	RH	09 14 64	101,085	3763
El Rho Farm				
Ada	RH	08 11 69	145 764	5890
Lady	RH	10 31 66	137,963	5689
Yelow Buttercup Farm				
49	RH	04 01 67	182 582	6255
66	RH	09 10 67	164 224	5662
71	RH	05 22 70	141,395	4938
80	RH	03 21 69	128,135	4802
83	RH	03 01 68	127 749	4142
95	RH	08 22 66	125,616	5086
97	RH	07-14 71	114,481	4289
31	RH	11 02 72	108,695	3793
35	RH	12 30 68	107,723	3339
122	RH	07 04 72	106,553	4067
7 Red	RH	09 13 72	100 317	3723
126	RH	07 25 72	96,437	4205
86	RH	10 21 73	82,809	4131
Wayne H Rodgers				
61	RH	06 09 70	112,676	4651
26	RH	09 30 69	108,510	4176
45	RH	06 03 70	103 124	3989
William Myers				
Josey	RH	08 31 69	154,540	5988
Tennia	RH	10 24 71	113,170	4290
Weim Sharr Farms				
46	RH	03 20 70	131,627	4782
66	RH	02-13 72	112,586	4103
61	RH	10 20 70	110,731	4092
Eugene Witter				
Daisy II	RH	05 16 70	96 436	4072
Leroy Deputy				
Maude	RH	05 12 70	156,563	5971
Brenda	RH	01 09 71	154,468	6336
Maggie	RH	03 26 70	145,217	4342
Able	RH	01 17 66	143,608	5434
Anabel	RH	08 15 71	133 293	4485
Marsha	RH	08 19 70	128,607	4608
Peggy	RH	07 13 70	126,136	4390
Linda	RH	01 31 77	121,899	3461
Emma	RH	01-15 72	121,217	4278
Candy	RH	09 17 71	114 803	3698
Starlt	RH	08 18 70	112 953	3419
Fay	RH	06 11 72	112,807	3787
Carrie	RH	01-20 71	108 982	3795
Mindi	RH	07 29 71	105,933	3420
Eve	RH	12 30 72	102,603	3186
Jerri	RH	04 25 72	102,396	3190
Holly	RH	08 08 72	101,919	4057
Doris	RH	02 13 70	101 867	3013
Claude Holmes, Jr				
Empress	RH	07 17 69	137 889	6200
Nellie	RH	10 09 71	121,018	4937
Posen	RH	03 14 71	117 074	4209
Neeta	RH	10 25 72	112 337	4643
Lally	RH	09 14 72	109 469	4068
Beryl	RH	02 25 71	101 522	4309
Stone Manor Dairy				
Julie	RH	06 18 70	116 307	4204
Rhodes Enterprises				
31	RH	12 30 68	109 359	3390
131	RH	06 16 71	108,481	4073
J Howard Stiles				
Toy	RJ	11 01 67	99 380	5191
S pixie	RJ	11 25 67	95,580	4879
S robin	RJ	07 21 69	84 615	4075

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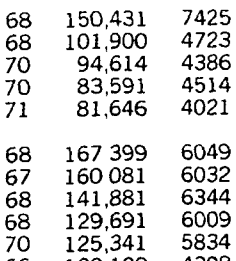

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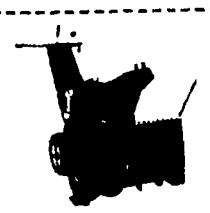

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SAVE $60

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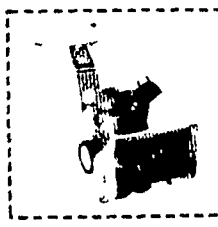

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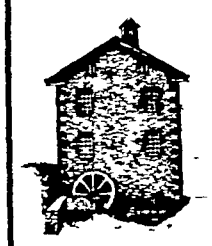

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'Milk Check' author receives Extension award

UNIVERSITY PARK — Thomas B. Jurchak, Lackawanna County Extension director, has been named recipient of the 1980 Cooperative Extension Service Award.

The annual award is presented to a member of The Pennsylvania State University's Extension Service staff for outstanding educational programming. Jurchak was honored during the recent Extension Conference on the University Park Campus.

In citing his accomplishments, Thomas B. King, Penn State associate dean for extension, said that the Lackawanna agent has conducted outstanding programs in the areas of milk marketing and vegetable production.

He used a variety of teaching methods to make the milk marketing subject interesting and informative. Workshops involve participants in a learning situation by actually solving marketing problems.

Farms attending workshops in Lackawanna County brought requests from Extension agents in adjacent counties to conduct sessions in their counties. As a result, 53 meetings have been conducted in 10 Pennsylvania counties in the past three years.

Jurchak is author of a milk marketing newsletter that is distributed to 26,000 dairymen in six northeastern Pennsylvania counties, New York, and New England. The Milk Check is a regular feature in Lancaster Farming.

Thomas B. Jurchak, left, Lackawanna County Extension director, receives 1980 Cooperative Extension Service Award from Thomas B. King, Penn State associate dean for extension.

Direct marketing has been an increasingly important part of the award winner's program, with retail trends shifting to direct producer-consumer purchases

He conducted a series of meetings for about 150 grocers with emphasis on retail merchandising. Weekly newsletters are also provided by Jurchak to members of a grocers' cooperative which includes price lists and marketing information.

In 1979 he was awarded the Pennsylvania Association of Farmer Cooperatives Master Educator Award for his work with farmer cooperatives.

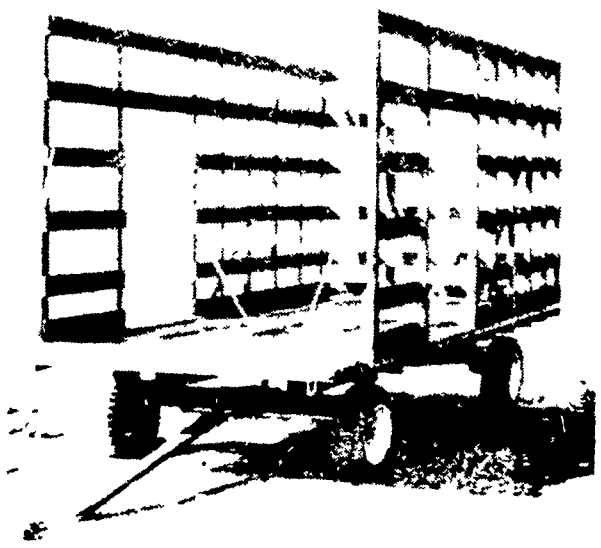
The Lackawanna County agent's recent work has been instrumental in expanding the fresh market tomato industry in Pennsylvania. Variety demonstrations, the largest in the state, have brought five new varieties into production and inclusion in the Extension Vegetable Production Guide.

To encourage adoption of the new varieties, production, harvesting, and marketing budgets were developed to prove the increased profits possible by growing the newer varieties.

Lackawanna County also has led the state in developing other management practices to lower tomato production costs that include fertilizer rate and placement, the use of lime and cover crops, and integrated programs for disease control.

Lackawanna County agent since 1957, Jurchak received two degrees from Penn State.

HAY WAGONS & FLATBEDS



FOR INFORMATION PHONE
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RD #1, Ephrata, PA 17522

Produce hotline serves farm marketers

HARRISBURG — The Pennsylvania Department of Agriculture's Produce Marketers Hotline has proved a huge success in 1980, according to State Agriculture Secretary Penrose Hallowell.

"Farmers from across the commonwealth took full advantage of the toll-free hotline, 800/932-0904," Hallowell said, "making the pilot project an overwhelming success."

The Produce Marketers Hotline was established by the Pennsylvania Department of Agriculture in cooperation with the Agricultural Marketing Service of the U S. Department of Agriculture. It was intended to help farmers involved in direct marketing to determine pricing for fresh produce.

"The hotline was one phase of our efforts to improve farm marketing in Pennsylvania," the Secretary said

"Greater stability in pricing and supplies should enhance orderly marketing of fresh farm produce. Pennsylvania agriculture is growing better, and through the hotline, direct farm marketers were better able to demonstrate that fact to their consumers," he said.

Hallowell noted the Department hopes to continue providing this hotline service to farmers on a permanent basis, keeping them up-to-date on fresh market situations.

The Produce Marketers Hotline was installed in the Agriculture Department in late June. Farm marketers were able to call, toll-free and receive updated price ranges for their produce.

Information on the line was tallied and revised twice weekly, with farm marketers getting information such as prices for peas ranging from 75 cents to 85 cents per quart.

"The hotline received 5489 calls between July 7 and September 30. Calls ranged from 20 to 284 per day, with an average of 119 calls per day," said Hallowell. "This shows an acceptance of the hotline, and indicates farm marketers found the program worthy. The demand for the hotline program shows a need for us to continue the service in future years."

Game Commission closes its roads

HARRISBURG - The Game Commission has revised one of its rules governing State Game Lands in an effort to end public confusion over which roads on Game Lands are closed and which are open to public travel.

Most roads on most Game Lands are closed to the public at all times. However, in some instances, roads are opened at certain times of the year, usually during hunting seasons, in order that parts of the lands will be more accessible to the public.

The Game Commission posters that will be placed on or along the roads which are open to public travel will have dates listed for the opening of the roads.

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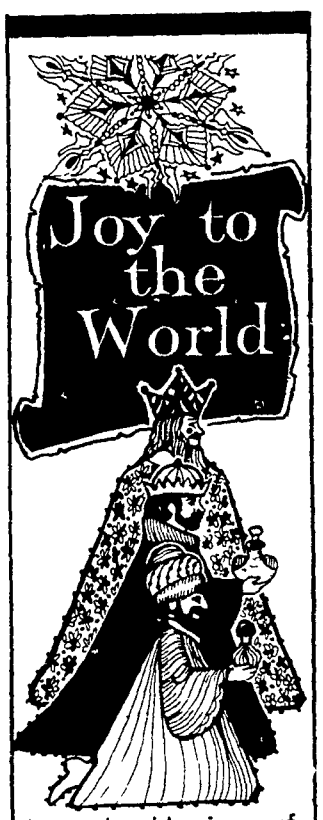

May the blessings of the holy season fill you with peace and joy.

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Farm Business News

Announces new ration for stressed pigs

ST. LOUIS, Mo — Hog producers concerned with stress-related setbacks in baby pigs and newly shipped feeders now have the option of feeding a new ration from Ralston Purina Co. formulated nutritionally for pigs subjected to adverse weather or transportation.

Appropriately named Stress Chow, the nutritional formulation of this complete 17 percent protein ration helps farmers compensate for below-normal consumption by providing a strong concentration of amino acids, vitamins and minerals in the highly palatable Ett form, according to Bud Harmon, Purina's director of swine research

"No matter what you do, no matter how hard you try, pigs are sometimes subjected to cold, wet and drafts in conventional nurseries," Harmon explains "Stress is also a problem with feeder pigs coming straight off the truck Shipping puts a real strain on a pig's system, and can set you back a week or more "

Stress Chow has a unqiue balance of fiber and energy, Harmon points out The new ration is also available with optional antibiotics to meet the needs of an individual hog producer in combating disease, he adds.

Purina recommends that producers wait one or two days after weaning before introducing Stress Chow to pigs to avoid changing feeds the same day the animals are weaned and moved into the nursery The ration should not be fed to pigs weighing less than 15 pounds

"When used as a receiving ration, Stress Chow should be fed free-choice for the first 14 days after arrival," Harmon suggests, noting that pigs under severe stress conditions can be kept on the feed for up to three weeks if necessary "In all cases, farmers should keep the feed fresh by filling the feeders with no more than a one- to two-day supply."

Further information on Stress Chow is available from local Purina dealers, or may be obtained by writing to How Chow Marketing-12T, Ralston Purina Company, Checkerboard Square, St Louis, Missouri 63188

AAM asks moratorium on commodity sales

WASHINGTON, DC — Due to what they call a "panic situation" now prevalent in the commodity markets, Marvin Meek, National Chairman of the American Agriculture Movement, urges all other farm organizations to join the AAM in recommending to their respective members to place a moratorium on all sales of agriculture commodities until such time that the market recovers to levels prevailing on November 4, 1980

It is evident that the present agricultural policies of this nation are a disaster when the mere presence of Russian troops along the Polish border, combined with our asinine Federal Reserve policy of outrageous interest rates, can totally destroy the confidence in the commodity markets and agricultur... prices, AAM said

This chaotic situation is a direct result of Carter's agriculture and economic policies, combined with the high-interest policies of the Federal Reserve Therefore, the American Agricultural Movement is demanding the immediate resignation of Federal Reserve Chairman, Paul Volcker, Meek said.

Named sales representative

MANHEIM — Clifford N Gibble, of Manheim, has joined the Select Sires marketing team He will be serving northern Lancaster, Lebanon, Dauphin and York counties in Pennsylvania. Gibble brings to Select Sires many years of valuable experience in artificial insemination, having grown with the AI industry since 1951

In his new position he will serve the dairy and beef breeders in Pennsylvania with Select Sires' complete program of semen and supplies for genetic herd improvement, and will provide AI training and equipment

To reach him, contact Clifford N. Gibble, 325 W Gramby Street, Manheim, Pa 17545, phone 717/665-4252

Select Sires Inc is a federation of 11 farmer-owned and controlled AI cooperatives The basic objective of this federation is to serve the genetic improvement needs of livestock breeders

Clifford N. Gibble

Offers medicated cattle feed

CHICAGO, Ill — The A E Staley Mfg Co will begin marketing a new medicated cattle feed supplement next week following approval of the federal Food and Drug Administration for the product's distribution

The new product, Sweetlix with Rumensin, is the latest addition to the company's line of Sweetlix feed blocks, and the first product to combine Rumensin with the ease of block feeding The addition of Rumensin, a registered trademark of the Elanco division of Eli Lilly and Co , aids in the digestive process by improving an animal's efficiency in converting food

According to a spokesman for the two companies, Sweetlix with Rumensin is approved for use in pasture feeding, allowing cattle to make better dietary use of feed, thus improving the conversion ratio. Field test results show average daily gains increased 21 pounds per head when stocker or feeder cattle received Sweetlix with Rumensin

The patented formula helps cattle consume the right amount of block each day to produce faster average daily gains while grazing on pasture The addition of Rumensin to the formula provides 80-200 milligrams of Monensin per day to further encourage weight gain for cattle weighing more than 400 pounds It also provides a calcium to phosphorous ratio of 1.3-to-1 which helps to balance the mineral content of many roughages while supplying sufficient phosphorous

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Federal minimum wage to rise to $3.35

LANCASTER — A new federal minimum wage of $3.35 goes into effect on January 1, entitling an estimated 5.6 million workers covered by the fair Labor Standards Act to pay increases, the Labor Department said.

The January 1 increase, from $3.10 to $3.35, was provided for in 1977 amendments to the act.

"The minimum wage increase is a matter of equity for low wage workers and assures that they are not forced to bear a disproportionate share of the burden of inflation," Secretary of Labor Ray Marshall noted.

Approximately 60 million workers are subject to provisions of the act, which also establishes overtime pay and child labor standards.

In addition, the FLSA allows for the payment of wages below the statutory minimum in order to prevent loss of job opportunities for certain workers.

Handicapped workers, full-time students and student-learners in specified industries may currently be employed at subminimum wages under appropriate regulations. Employers must apply for authority to pay such wages from the Labor Department.

Certificates are issued by the department permitting the employment of full-time students at not less than 85 percent of the federal minimum wage in retail trade establishments, in agriculture and in institutions of higher education employing their own full-time students.

The act also provides for the payment of subminimum wages to persons employed in sheltered workshops whose earnings or productive capacity is limited by age or physical or mental disability

In fiscal 1980, the department issues 47,517 certificates which authorized payment of sub-minimum wages to approximately 663,699 workers.

There is also a special FLSA provision for tipped employees. Tipped employees are those who customarily and regularly receive more than $30 a month in tips. The employer may consider tips as part of the wage so long as the wage credit does not exceed the percentage of the minimum wage specified by law.

Employers who elect to use the tip credit must inform the employee in advance and must be able to show that the employee receives at least the minimum wage when direct wages and tip credit allowance are combined.

The FLSA amendments also include a three-step increase in the dollar volume test for coverage of certain employers. These employers are required to pay workers minimum wage and overtime pay, in accordance with the FLSA, dependent on the total amount of business done in a year.

The "dollar volume test" applies to employers or enterprises comprised exclusively of one or more retail or service establishments whose annual gross volume of sales or business done is not less than the amount specified by the act.

The current test of $325,000 went into effect on July 1, 1980, and will increase to $362,500 after Dec. 31, 1981.

Administration and enforcement of the FLSA is the responsibility of the Employment and Standards Administration's Wage and Hour Division.

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State farm labor force increases

HARRISBURG — Pennsylvania's farm labor force was estimated at 115,000 workers during the week of October 12-18 This is an increase of 16 percent above last October's 99,000, according to the Pennsylvania Crop Reporting Service

Farm operators and unpaid family members throughout the commonwealth numbered 80,000, while hired workers totaled 35,000 during October 1980. This represents a 21 percent increase in hired workers from October 1979 and a 14 percent increase in the family sector

The average workweek for Pennsylvania farm operators during the survey period was 50.8 hours. Other unpaid family workers averaged 38.8 hours and hired workers averaged 42.1 hours National averages are 41.0 hours for farm operators and other family members, and 40.1 hours for hired workers

Family workers include family members who work 15 hours or more without receiving cash wages. Hired workers include all persons working one hour or more for cash wages during the survey week.

Farm wage rates, for all methods of pay, converted to an hourly rate, totaled $3.70 in Pennsylvania, up from $3 12 last year. The national average, $3.85, was up 28 cents from 1979.

Commonwealth field workers averaged $3 50 per hour, compared to $2 97 last year at this time. Livestock workers took home an average of $3 53 per hour compared to last year's $2 99

Nationally, the total number of workers on farms October 12 to 18 was 3,790,200 a decline of 153,300 from last October. Family workers and operators totaled 2,484,700 a decline of 40,400

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4. Every cow that is open over 90 days costs you at least $10.00 per cow per day.
5. A milk sample taken 22-26 days after breeding is all you need.
6. NO stress on the cow.
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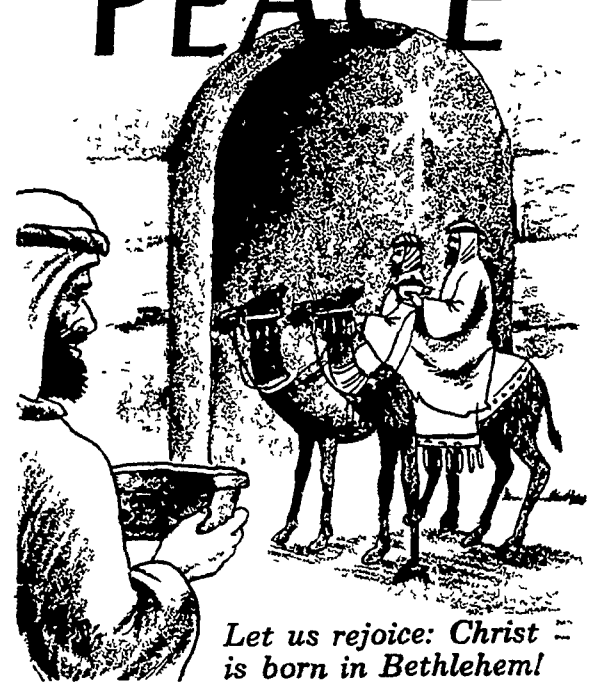

Let us rejoice: Christ is born in Bethlehem!

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What's the cheapest, best way to feed sheep this winter?

DOYLESTOWN — It is going to cost more to feed your sheep this year, says Michael Fournier, Bucks County Agent

The dry conditions throughout the summer caused a large reduction in hay and corn yields in southeastern Pennsylvania Hay prices are already high and some sweet feeds, which are the major mixed feeds used by sheep producers, are over $12 per hundred pound bag.

What is the cheapest way to feed sheep this winter and still provide them with enough nutrients to stay healthy?

Hay, of course, will always need to be fed The only alternative to this would be corn cobs These can be ground and mixed with soybean oil meal to make a cheap substitute for hay. However, few people have access to cobs, so hay will still be the major feedstuff.

Four major feeding periods from pregnancy to weaning are described by the National Academy of Sciences in their publication Nutrient Requirements of Sheep Feed requirements for these periods and recommendations on how to meet them are discussed

These recommendations are for a 130-pound ewe For larger or smaller ewes, make the appropriate adjustments

Only three kinds of hay are discussed· alfalfa, timothy and orchardgrass In the calculations, it was assumed that the alfalfa had 17 5 percent crude protein and the grass hays had about 9 percent crude protein. Mixed hay (clover-grass) was not discussed because the percent of clover in mixed hay in this area varies from as little as 10 percent to as much as 75 percent A good mixed hay, should be fed in an amount somewhere between the alfalfa recommendation and the grass hay recommendation

The first 15 weeks of gestation, during the ewes daily nutrient requirements have not changed too much from the summer because the fetus is not growing very rapidly Therefore, her feed requirements can be met with rations. 3 5 lbs alfalfa hay per day, 3 5 lbs. timothy hay per day, 3 5 lbs orchardgrass hay per day. With alfalfa roughly 30 percent more expensive than grass hay, it would not be economically sound to feed alfalfa during this period because the cheaper grass hays will meet the ewes needs

A ewe's nutritional requirements during the last 6 weeks of pregnancy and the last 8 weeks of nursing a single lamb are about the same Therefore, they are treated as one feeding period

During these two periods the ewes energy and protein requirements are high and the feed must be adjusted proportionately These feed requirements can be met by any of the following rations

3.5 lbs alfalfa hay + 1 lb. corn* per day, 4 5 lbs timothy or orchardgrass hay + 3/4 lb corn (no 2 shelled, cracked) per day, 5 0 lbs timothy or orchardgrass hay + 1/4 lb corn per day; 4 5 lbs timothy or orchardgrass hay + 1/2 lb of any Ration A-D per day

Again, during this feed period it probably makes more sense economically to feed one of the grass hays.

First 8 weeks lactation nursing a single lamb and last 8 weeks lactation nursing twins, during the ewes daily nutrient requirements are very high, she requires a considerable amount of feed per day The following rations can meet her requirements· 4.0 lbs. alfalfa + 1¾ lb corn per day; 4 5 lbs alfalfa + 1½ lb corn per day; 5 0 lbs alfalfa + 1 lb. corn per day; 4 0 lbs timothy or orchardgrass hay + 2 lb any Ration A-D; or 5.0 lbs timothy or orchardgrass hay + 1.5 lb any Ration A-D

If any alfalfa hay is used, the first 8 weeks of lactation would be a good time to use it because it will supply a lot of the ewes nutrients Once the ewe has lambed, grass hay must be supplemented with a mixed feed to meet the ewes needs as corn alone does not contain enough protein

There is no other time in a ewe's reproductive life when her nutrient requirements are higher than when she is nursing twins. This requires a great deal of feed as shown in the following rations 4.5 lbs alfalfa + 2 lbs. corn per day; 5 lbs alfalfa + 1.5 lb corn per day, 5 5 lbs timothy or orchardgrass hay + 2 lbs Ration D

As in the above example, this would be the time to feed alfalfa because of the high protein requirements of the ewe

By feeding mainly grass hay and using alfalfa during the first part of lactation, you can get by with only corn as your supplemental grain If you can get alfalfa at a reasonable price, it might be wise to feed it during nursing Otherwise, you will need a mixed feed during the first 8 weeks of lactation

Remember that the rations mentioned for each feeding period should be fed ½ in the morning and ½ in the evening. Ewes should always have access to salt and clean fresh water

RATIONS USED IN EXAMPLES

Ration A
14% Protein

60 lb cracked shelled corn; 20 lb whole oats; 10 lb wheat bran; 10 lb. commercial protein supplement (36%)

Ration B
15% Protein

80 lb. cracked shelled corn; 20 lb. commercial protein supplement (36%).

Ration C
14.6 % Protein

50 lb. whole oats; 30 lb. cracked shelled corn; 10 lb. wheat bran; 10 lb. commercial protein supplement (36%)

Ration D
17% Protein

55 lb ground shelled corn; 25 lb. wheat bran; 20 lb commercial protein supplement (36%)

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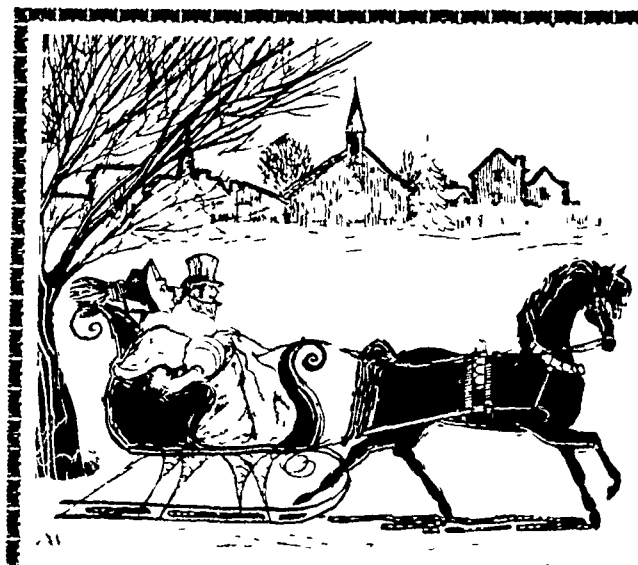

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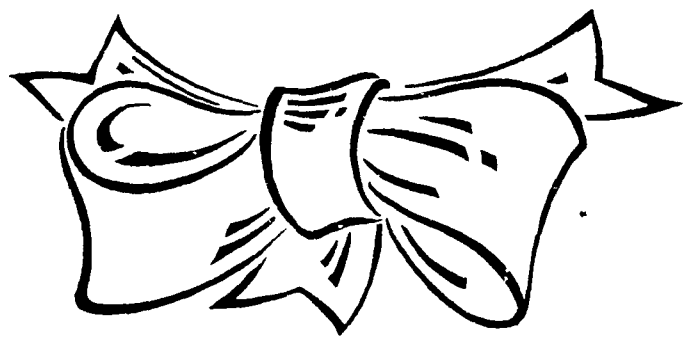

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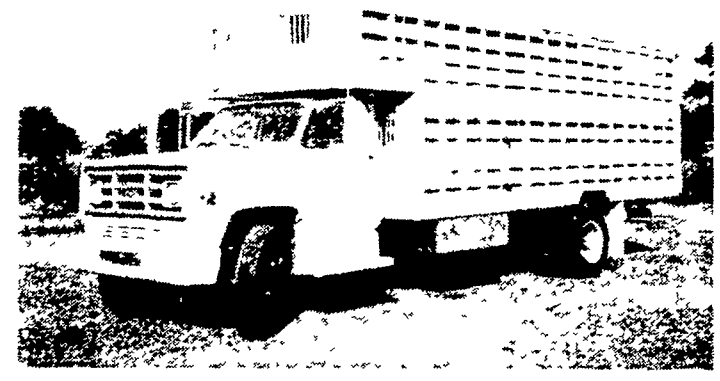

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Loganville 4-H elects officers

LOGANVILLE — The Loganville 4-H Club recently elected officers of the 1981 year. Elected were: president, Bryan Palmer; vice-president, Tom Beck; Recording Secretary, Crystal Shearer; Assistant, Patricia Bupp; corresponding secretary, Cathy Bricker; assistant, Christine Hoskins; treasurer, Troy Goodling; Assistant, Robert Bricker; news reporter, Rochelle Diehl; Assistant, Denise Hoskins; historian, Mark Loughran; Assistant, Jennifer Druck; song leader, Rita Loughran; Assistant Missy Bupp, Barbara Myers, and June Loughran; game leader, Joe Druck; Assistants Mary Elliott and Marsha Laughman.

The club also held its annual Achievement Night covered dish social at the Codorus Church of the Brethren

The following are the local awards for 1980: Outstanding senior overall girl, Linda Brown; Outstanding senior girl, Rochelle Diehl; Outstanding senior boy, Mark Loughran; Senior Citizenship, Crystal Shearer; Senior Leadership, Bryan Palmer; Junior rookie girl, Barbara Myers; Junior rookie boy, Greg Donecker; Outstanding junior girl, Patricia Butt; Outstanding junior boy, Chad Stine; Junior Citizenship, Tanya Brenneman.

Senior awards were as follows: gardening, Rita Loughran; quilting, Mary Elliott; rifle, Mark Loughran; sewing, Crystal Shearer; snowmobile, Robert Bricker; strawberries, Richelle Diehl.

Junior awards were· beef, Cathy Bricker; crochet, Dawn Miller; dairy, Patricia Bupp; electric, Joe Druck; flowers, June Loughran; foods, Jennifer Druck; handyman, Heath Ruhland; photography, Troy Goodling; plastercraft, Patricia Brennemen; rabbit, Chad Stine; sewing, Christine Hoskins; sheep, Heidi Dietz; snowmobile, Dennis Chilcoat; vegetables, Todd Myers.

The club's Christmas party was changed to December 17 at 6:30 - 9 p.m. Members will meet at the Springfield Township Building to go caroling followed by a party at Paul Helgesens home. The club will accept donations of mittens for needy 4 and 5 year olds to be distributed by The Community Progress Council of York.

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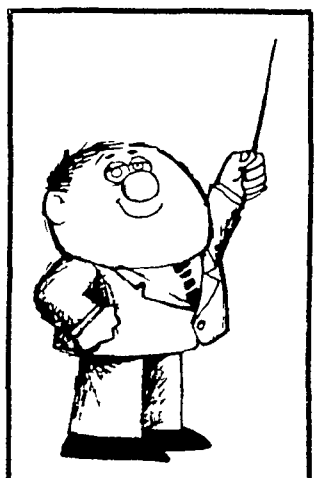
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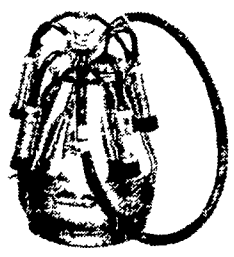
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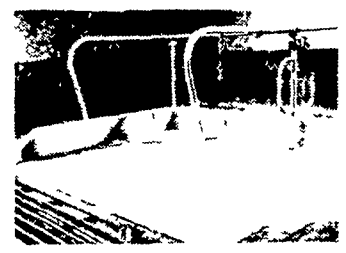
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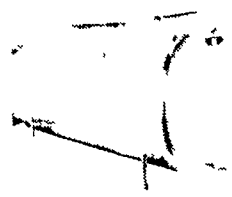
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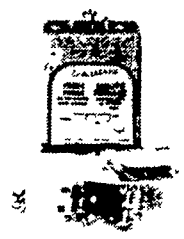
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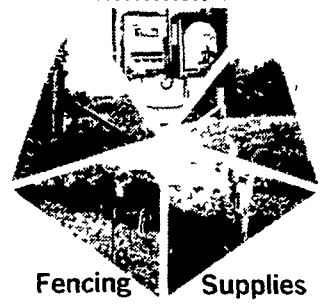
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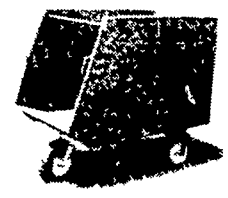
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Fruit growers contribute to 4-H center

LEESPORT — The Berks County Fruit Growers Association recently presented a check for $900 to the Berks County 4-H Community Center Fund Drive.

George Heckman, president of the Fruit Growers Association and general manager of Ontelaunee Orchards, along with George Perry, vice president of the Fruit Growers Association, presented the check

The amount is from profits received through sales of apple cider at the Fruit Grower's exhibit during the Reading Fair

Four-H members, 4-H leaders, the Extension Nutritions Aides, and members of the association manned the exhibit

The 4-H Community Center Fund Drive is an effort by the Berks County 4-H Development Council to raise $550,000 towards construction of a Community Center Building and a pole barn on the 4-H Center area.

Also, during the Fair another $2,200 was raised by 4-H members and leaders through sales in refreshment stands

Rick Kauffman, Berks Extension Service receives a check for $900 for the Berks County 4-H Community Center Fund Drive. Presenting the check are George Heckman, president, and George Perry, vice president of the Fruit Growers Association.

Mrs George Heckman states that the Fruit Growers fully support the 4-H project and encourages the Berks Community to also pledge their support.

Simmental breeders to meet in Denver

DENVER, Colo — Simmental producer from throughout the United States and Canada will be converging on Denver for the Thirteenth Annual Meeting and Convention of the American Simmental Association January 19 and 20.

The Convention, headquartered at the Fairmont Hotel in downtown Denver, is scheduled to dovetail with the activities of the 75th National Western Stock Show, being held at the same time.

"The schedule is planned so that members attending the ASA Convention can also participate in some of the National Western Activities", said Earl B. Peterson, Executive Secretary.

Peterson pointed out that the bulk of Convention activity will take place on Tuesday, January 20. "On that day, we'll start our Annual Meeting at 9 a.m. and will follow with the Educational portion of the program at 1:30 p.m The Convention banquet, awards program, and dance will commence that evening".

It's the first time since 1976 that ASA has met in Denver. A year ago, the annual meeting was in Reno, Nevada and in 1982, will convene at Walt Disney World in Orlando, Florida ASA selects sites on a rotating basis to allow members from all sections of the country the opportunity to attend and participate.

The Educational Program will feature five outstanding Animal Scientists. One portion of the program, presented by Horst Leipold of Kansas State University and by Jerre Johnson of the University of Nebraska, will deal with "Keeping Simmental Genetically Clean" and "ASA Sponsored Research".

The second portion on the program is entitled "A Realistic Look at Birth Weights and Calving Ease" and will be presented by Larry Corah of Kansas State; Bob deBaca of Ideal Beef Systems, Huxley, Iowa; and Roy Wallace of Select Sires of Plain City, Ohio.

Pesons wishing additional information about the Convention should contact the American Simmental Associations, One Simmental Way, Bozeman, MT 59715 406/587-4531.

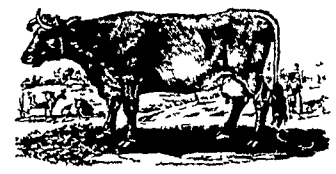
Kriese wins Hereford heifer

ITHACA, N Y — Recipients of the first New York Junior Hereford Association Achievement Award contest were recently announced

Joh Kriese, Liverpool, was selected as this year's winner Kriese was presented with a registered Hereford heifer donated by Ed and Dorothy Huxtale, Clay, N Y The heiter will be exhibited at a number of livestock shows throughout the state in the coming year.

The achievement contest was developed by officers and advisors of the New York Junior Hereford Association The program will be continued in the upcoming year with the return of the heifer's first progeny to the state Junior association.

In close competition, second through fifth place winners included: Tim Marland, Cazenovia, David Cole, Jr , New Hampton, Priscilla Peters, Hancock, and Laura Dennis, Penn Yan. Semen certificates from top herds in the northeast were awarded to the top finishers in the contest



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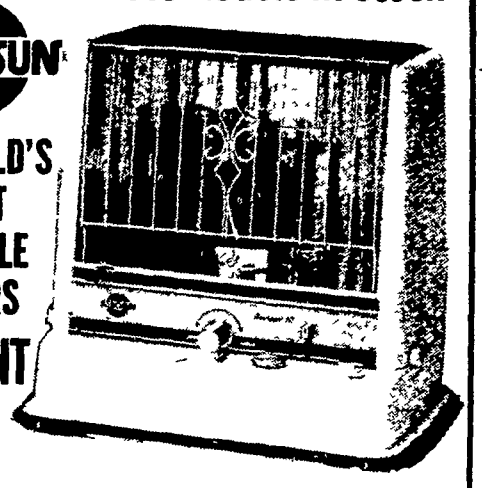

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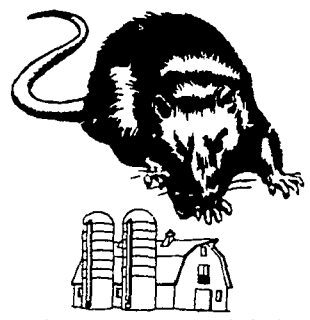

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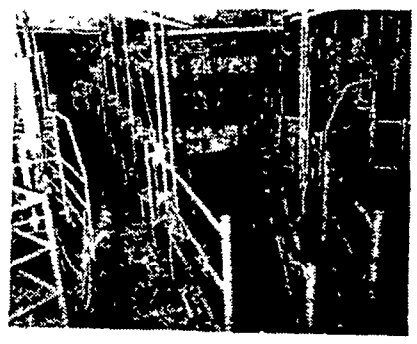

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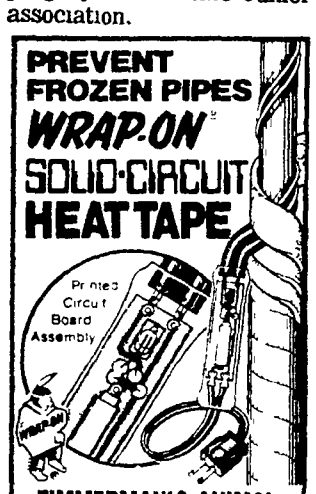

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Christmas cactus is thanksgiving species

PENN STATE — Most varieties of the so-called Christmas cactus available today are really examples of the Thanksgiving cactus.

While there is one type named the Christmas cactus, the Thanksgiving species has by far the most hybrids and thus is prominent during the Yuletide season, says Dennis J. Wolnick of the Department of Horticulture at The Pennsylvania State University

"The kind you see most often at Christmas has 3 to 4 pairs of saw-toothed projections resembling crab claws on the leaves, and that's the Thanksgiving or crab cactus," Dr. Wolnick stated

"The leaves of the true Christmas cactus, in contrast, are rounded with no saw-toothed edges," he added. Dr Wolnick is a floriculturist with the Agricultural Experiment Station at Penn State.

Despite their differences in leaf shape, the two types have quite similar flowers The Thanksgiving cactus flower comes in many colors from white, to magenta, to red-while Christmas cactus blossoms are mainly cherry red.

There's even a third species, the Easter cactus. This species is much different from the other two, Dr. Wolnick observed The leaf is thickened or even triangular with hairy projections at the tips of the leaves The Easter cactus has many branches. Flowers come in many colors, ranging from pink, to red, to violet

The Thanksgiving cactus initiates flower buds sooner and produces flowers earlier than the Christmas species. In some tests of the two species at the same age, flower buds on the Thanksgiving type were visible September 20 while buds on the Christmas cactus were not visible until October 24.

After the normal Christmas blooming season, both species can flower again at or near Easter. To succeed with this, night temperatures should be no higher than 60°F. Research with the two common species shows they respond best to eight-hour days and 60°F for flowering, Dr. Wolnick claimed.

If flower buds start to drop, the temperature may be too high or the light intensity too low, he said Christmas cacti seldom flower well at temperatures above 75°F.

New leaves will develop in the spring At that time Christmas cacti can be replanted. Use a rich, acid-type soil of 1 part of leaf mold, 1 part sharp sand, and a handful of bonemeal in an 8-inch pot The plants are rarely bothered by insects or disease and enjoy summers outdoors under a tree where they can get light shade.

Leave them outdoors as long as possible in the fall, Dr. Wolnick advises. If you bring the plants inside before October 1, place them in a cool, light area of the basement. Bring them to a sunny window as soon as buds start to show

Easter cacti are not as dependent upon day length for flowering as the Thanksgiving and Christmas species. Although the will set buds naturally from January to March, they will bear flowers under cool temperatures at other times of the year.

Farm Organization Council to meet in January

CAMP HILL — The Pennsylvania State Council of Farm Organizations Annual Meeting and Legislative Dinner is scheduled for Monday, January 26, 1981, at the Penn Harris Motor Inn in Camp Hill The morning program, beginning at 10:30, will be a special presentation by the Pennsylvania Department of Agriculture regarding promotion of Pennsylvania agricultural commodities

The luncheon speaker will be James Beattie, Dean of the College of agriculture at Penn State

The afternoon session will include adoption of policies on key agricultural issues and reports from Dr Robert Marshak, dean of the Veterinary School, University of Pennsylvania; Joshua Feldstein, President of Delaware Valley College of Science and Agriculture; the Chairman of the Pennsylvania Senate Agricultural Committee; and the Chairman of the Pennsylvania House Agricultural Committee.

The evening Legislative Banquet, to which the entire Pennsylvania General Assembly is invited, will begin with a social hour. The cost of the dinner is $15. Invited speaker for the evening banquet (not confirmed) is Joe Paterno, Athletic Director and Head Football Coach at Penn State. We also take a few brief minutes in the evening to tell our legislators what is important to Pennsylvania agriculture Come out for any part of the day or evening Your support is needed! The entire agricultural community of Pennsylvania is the host so we need numbers to impress important people in Pennsylvania.

For luncheon and dinner tickets, contact Carl Deibert, Pennsylvania State Grange 717/234-5001 or John Hoffman at The Poultry Federation Headquarters, 717/652-7530

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Larger U.S. tobacco crop still falls short of use

LANCASTER — Total tobacco production for 1980 is estimated at 1 77 billion pounds (808,000 metric tons), 17 percent above last year's extremely short crop

Use of U.S. tobacco in the current marketing year may slip below last season Nevertheless, use is expected to exceed the 1980 crop, and next summer's carryover may drop two percent from the 3 3 billion pounds carried into the 1980-81 marketing year

Larger total tobacco output is likely for 1981-82 if there is a recovery in yields The effective flue-cured quota is down, but the burley quota will likely go up

Domestic tobacco supplies for 1980-81 are two percent smaller than last season because beginning stocks were down nine percent from the previous year The 1980 crop is up because of increases in both acreage and yields Despite widespread drought and some disease outbreaks that hurt crop quality, the crop staged a big recovery from 1979's output, which was reduced by blue mold

Auction prices for flue-cured tobacco fell after mid-September at late season demand weakened. But average prices for the season were record high, up four percent from 1979

Burley sales began in late November, with prices averaging sharply above 1979 levels. Fire-cured and dark air-cured tobaccos have also sold at higher prices this season

Total tobacco use in 1980-81 may be down slightly from last year U.S. exports of unmanufactured tobacco for July-October 1980 rose in volume from a year earlier But shipments are expected to go below year-ago levels the rest of the season A decline in domestic disappearance will further lower utilization for this marketing year

U S cigarette output for 1980 may rise one percent above 1979, because of a small gain in domestic sales Despite uncertain economic prospects in the Nation and continued antismoking efforts, growth of the adult population should maintain total cigarette sales in 1981 at the record-high 1980 level

Chewing tobacco output is increasing. In contrast, cigar and smoking tobacco volume is lagging, and the downtrend may continue in 1981.

Exports of U.S leaf have increased during 1980 to around 600 million pounds (equivalent to 660 million pounds farm-sales weight), six percent above the 1979 level Total export value is also up. Reduced quality of the 1980 U S crop, along with sizable foreign holdings of older U.S. crops, means prospects for next year's exports are not as good.

Imports accounted for 31 percent of U S manufacturers' tobacco use last marketing year — 30 percent of use in cigarettes and 40 percent of use in other products

January-October duty-paid imports of unmanufactured tobacco and of Customs category 170.80 ("tobacco manufactured or not manufactured not specifically provided for") were two percent above a year ago This calendar year's total imports may exceed last year's 384 million pounds A similar amount could enter in 1981

The flue-cured tobacco supply for the 1980-81 marketing year (July-June), at 3 060 billion pounds, is virtually the same as last year despite the larger crop With marketings above indicated use, the mid-1981 carryover is expected to exceed this year's 1 965 billion pounds by around 25 million

This year's grower prices for flue-cured averaged $1.45 per pound, five cents above 1979 Because of the uneven effects of the drought, market and State averages across the five-state flue-cured belt varied more than in the last several years

The sizable loan stocks of downstalk tobacco remaining from older crops were augmented by considerable immature, lower-grade tobacco from the 1980 crop.

The 1981 national flue-cured marketing quota has been set 7.5 percent below 1980 Tentatively, the effective quota (reflecting adjustments for the 1980 marketings above and below quota) is 1.11 billion pounds, 6 percent lower than in 1980. The price support level will go up about 12 percent next season, reflecting higher prices paid by farmers

The burley tobacco supply for 1980/81 (October-September) is 1.58 billion pounds, 5 percent below last season and the lowest since 1950. Carryover on October crop (November forecast) is 555 million pounds, 25 percent above 1979's disease-reduced production

Burley auctions through December 8 average $1 66 per pound, 22 cents above last year. About three-fourths of the crop will be sold before Christmas. For 1981/82, the effective quota will increase over the basic quota because of the large quantity of undermarketings from the 1980 season.

Supplies of the Maryland, fire-cured, dark air-cured, and cigar tobaccos are below last season Marketing quotas and acreage allotments for types under quota will be announced by February 1

USDA issues 1980 Yearbook on cutting energy costs

WASHINGTON, D.C. — "Cutting Energy Costs," the 1980 Yearbook of Agriculture, was issued Tuesday by the U.S Department of Agriculture.

The 408-page book is designed to help bring down energy costs of farmers, foresters, homemakers, communities and the food industry

"Every American should find something worthwhile in this volume," Secretary of Agriculture Bob Bergland said in the book's foreward "...All of us are well aware of how the increases in energy costs have cut into our incomes."

"Farmers especially have been struggling to hold down their production energy requirements so that Americans can continue to get their food at reasonable cost," he said "In fact, a new agricultural revolution may be in progress — one in which agriculture's own renewable energy supplies may be used increasingly to fuel farm machinery, heat farm buildings, dry grain and serve many other purposes.

"Some of agriculture's renewable energy supplies already are being used in gasohol to fuel the family car."

A copy of "Cutting Energy Costs" may be purchased by sending a check or money order for $9.50 to Superintendent of Documents, Washington, D C , 20402 Sales copies also are available at U S. government bookstores which are located in a number of cities

Members of Congress have limited allotments of the book for free distribution to constituents.

USDA has no copies for distribution

The four sections of the new yearbook are agriculture and forestry, family living, communities and alternative energy sources Authors are specialists mainly from USDA and the state land grant universities The book has 48 chapters and many illustrations

Some of the topics in the book are how to grow crops with less energy, the do's and don'ts of home insulation, how your community can cut energy bills and turning farm wastes into usable energy

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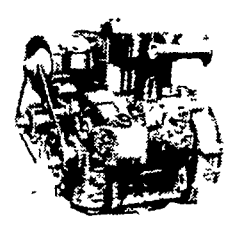

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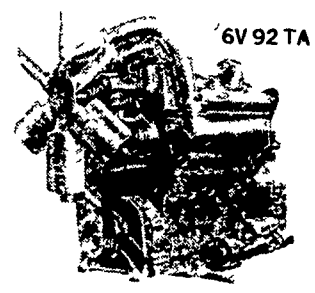

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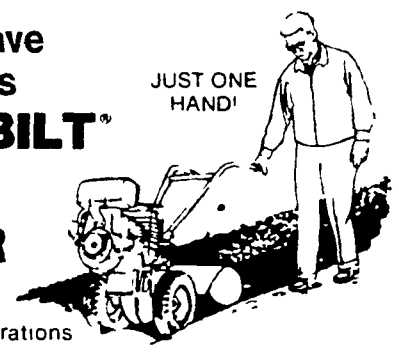

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Dealerships Available In Selected Areas

Corn products range from crayons and toys to antibiotics

DEKALB, Il. — Another harvest season is rapidly nearing completion in the United States The fruits of this harvest are instrumental in feeding some 4.2 billion people of the United States and around the world. When we see corn being delivered to elevators, loaded on ships for export or being fed to livestock, we may not realize there is a myriad of products made from corn

Besides the corn flakes sitting on millions of breakfast tables every morning, corn provides raw products used in the manufacturing of industrial, food, drug and costmetic items These raw products include starch, dextrins, syrup, sugar, corn oil, steepwater and by-products used as livestock feed

Industrial uses of corn products are extremely diverse Starch is used in such products and processes as adhesives, dry cell batteries, cardboard, ceramics, twine, crayons, dyes, explosives, lacquer, paints, paper, photographic films, window shades, rock wool and many others.

Dextrin, a modified form of starch, is used in the production of molded toys, mannequins, printing inks, metal ore processing, shoe polish, plastics, textiles and candles.

Corn syrup is used in leather tanning, dyes and inks, and even metal plating

Corn sugar is instrumental in the production of commercial acids and chemicals, enzymes and fermentation products. It is also used in processes such as electroplating, galvanizing, dyeing and finishing textiles

Corn oil is used in the manufacture of chemicals, insecticides, paints, rubber substitutes, rust preventatives, soaps and textiles

Steepwater is useful to the pharmaceutical and chemical industry. Other by-products aid the fur cleaning industry, plastics and synthetic fiber manufactures.

Human food, drug and cosmetic products made from corn's major components are as varied as those used in industrial processes. Corn starch is found in such diverse products as antibiotics, baby foods, bakery products, chewing gum, ice cream cones, face and food powders, puddings, flour, food and drug coatings, canned fruit, pie fillings, military rations, salad dressing, soups, powdered sugar, canned vegetables and yeast ..just to name a few.

Beer, ale, non-alcoholic beverages, catsup, chocolate products, condensed milk, frozen or dried eggs, jams and jellies, various forms of fruits, ice cream, marshmallows, drugs, peanut butter, pork and beans, canned sweet potatoes, toppings and vinegar contain corn syrup and corn sugar And, the list is several times longer than this.

Of course, two products derived from corn now receiving considerable attention are high fructose sugar and alcohol for fuel We have seen continued expansion of these two industries in the past two to three years and, no doubt, will continue to see expansion in the future. Fuel alcohol production has been projected at one to four billion gallons per year by 1990 That will require from 450 million to 1 6 billion bushels annually. High fructose sugar from corn is now used in soft drinks and as dietary sweeteners and will, no doubt, see more uses develop.

Undoubtedly, the nation's corn growers have an impact on more industries than most of them, or others, know about

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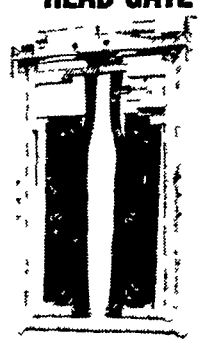

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Nat'l Jr. Charolais Heifer Show is Jan. 18

HOUSTON, Tx. — Junior members chose to put their Charolais heifers in the limelight in Denver this year by designating the National Western Stock Show as site for the 1981 National Junior Heifer Show. This specific show will be held January 18, 1981, at 3 p.m.

This show will be dedicated in honor of James Volz of Elmore, Minnesota. Judge for the show is James C. Linthicum, Welch, Oklahoma. Total premiums offered are $5,000.00

The age classification for heifers is between January 1, 1979 and June 30, 1980. Entry deadline is November 15, 1980, and the entry fee is $15.

Ownership requirements are as follows

All heifers calved before September 1, 1979, must be the property of the exhibitor as of July 1, 1980.

Heifers calved after September 1, 1979, must be the property of the exhibitor as of October 1, 1980.

Ownership must be shown by delivery date. "Delivery Date" refers to "Date of Sale" on AICA registration papers.

Heifers may also enter the open Charolais Classes

Number of classes will be determined after all entries are in; classes will be established with relatively equal numbers of entries with a maximum of eight classes.

Supplementary awards will include Champion Heifer Bred and Owned, Reserve Champion Heifer Bred and Owned, State Group of Three Head, Junior Showmanship, Senior Showmanship, Best State Exhibit, Junior Herdsman of the Year, Exhibitor Traveling the Greatest Distance and State Exhibiting the Greatest Number of Heifers.

Entry forms will be mailed directly from AICA and are to be returned to AICA with a photostatic copy of the registration certificate in the exhibitors name.

Premium books can be obtained from the National Western Stock Show, 1325 East 46th Avenue, Denver, Colorado 80216, or call (303) 623-1166.

Additional activities for Charolais Juniors will include an AIJCA Breakfast, January 19, Lunch and Skating Party, January 19, sponsored by Bauman Charolais Ranch and Boventure Cattle Systems. A membership meeting will be January 20, followed by a dance.

Inquries may be directed to Judy Hill, AICA, 1610 Old Spanish Trail, Texas 77054, or call (713) 797-9211.

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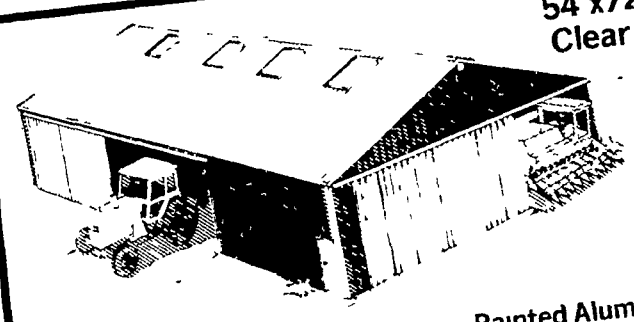
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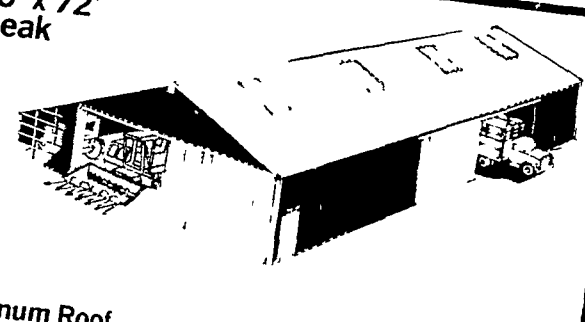
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Energy Council honors Mason-Dixon, Penn Dairies

HARRISBURG — Mason-Dixon Farms, of Gettysburg, and Penn Dairies, Inc., of Lancaster, this week were among six recipients of Energy Conservation Awards sponsored by the Governor's Energy Council.

The awards were presented on Tuesday by Lt Gov. William W. Scranton III, chairman of the Energy Council

The Energy Conservation Awards Program is open to industries, commercial organizations, local government units, and individuals who have instituted programs and energy saving measures which have resulted in at least twenty percent reduction in energy use over a twelve month period. The Governor's Energy Council offers these awards to acknowledge special accomplishments in the field of energy conservation and the promotion of energy saving programs.

Mason-Dixon Farms was recognized for its contribution to the energy conservation programs of the Commonwealth through the installation of a manure digester to produce biogas

The digester produces approximately 38,000 cubic feet of gas per day or 90 percent of the farm's energy needs. The sludge and solids from the digester are used to make bedding for all the animals on the farm and the exhaust from the generator motor is used as a source of heat to make bedding

Mason-Dixon Farms plans to build a second digester to increase its electrical capacity of one and a half times It expects to produce enough waste heat for 40 gallons per hour of ethanol fuel and to become totally self-sufficient through the use of renewable resources.

Penn Dairies was recognized for its contribution to the energy conservation programs of the Commonwealth through the installation of a waste heat recovery system

The system is estimated to save 83.000 gallons of fuel oil in its first year of operation and an additional 11,230 gallons in each future year. The system is designed to reduce the use of fuel oil to heat water and to eliminate all waste disposal to landfill except glass and metal

Pulldown of corn stocks expected

DEKALB, Il. — U S. corn production for 1979 was a bin-busting 7.76 billion bushel record. The average yield per acre was 109.4 bushels. According to the USDA October 10, 1980 estimate, only 6.47 billion bushels were produced in 1980 due to widespread drought and heat during the critical pollination and grain-filling period.

Due to the short corn crop in the United States, the estimates of reduced corn and wheat production in Russia and other countries of the world, the amount of carryover (ending stocks) at the end of the 1980-81 marketing year (September 30, 1981) is estimated by the USDA to be 704 million bushels - one billion bushels less than the previous year's ending stock.

If 1980-81 U.S corn usage and exports remain near 1979-80 levels, as projected by USDA, 7 3 billion bushels of U.S corn will be utilized by September 30, 1981 Approximately 4.1 billion bushels will be used for livestock consumption, 700 million in food and industrial products, and exports will total some 2.5 billion bushels

Since exports are critical to the economic health of U.S farmers and a major factor in U S. balance of payments, let's look at the importers of U S. corn based on estimated 1979-80 figures and projected 1980-81.

Million Bushels	1979-80 Million Bushels	1980-81 Million Bushels
Japan	450	490
E.E.C	395	390
East Europe	310	300
Other W E	305	310
USSR	235	200
Mexico	160	180
Taiwan	88	90
South Korea	80	100
China	70	100
Mideast/North Africa	70	80
Canada	50	50
Brazil	37	40
Israel	20	20
Others	130	150
TOTAL	2,400	2,500

If the 2.5 billion bushels of corn exported in 1980-81 is valued at $4 per bushel, we can see that corn could bring some 10 billion dollars into the United States That is enough currency to offset imports of 33 3 million television sets valued at $300 each (wholesale), or 1 43 million autos valued at $7,000 (wholesale)

As the world population continues to grow and as the United States maintains its leadership in producing food to help feed the world's people, U S. farmers will continue to be very, very important people in the world economies And, corn will be a very important element of U.S agriculture

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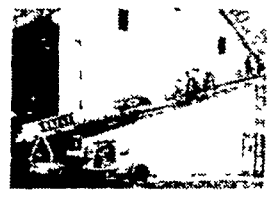

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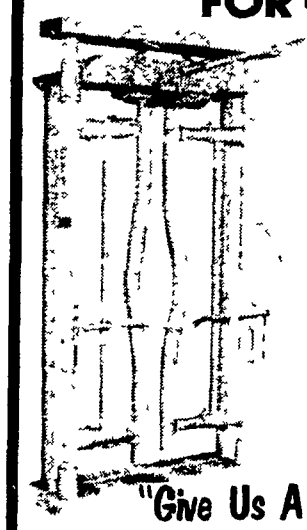

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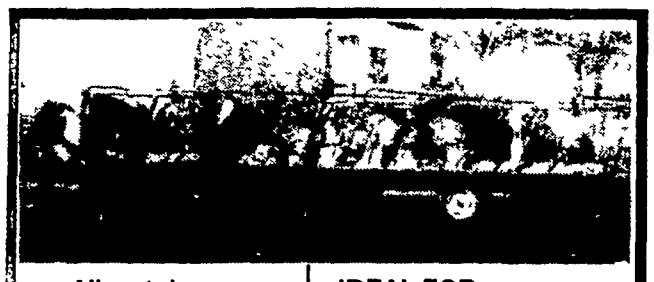

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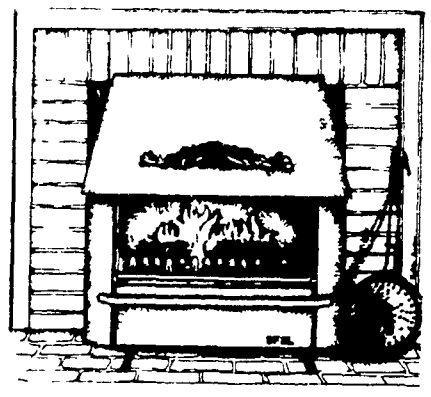

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New York to host tillage conference

SYRACUSE, N.Y — The first Empire Conservation Tillage Conference will be held in Syracuse at the New York State Fairgrounds, February 19, 1981.

Sponsored by the Empire Chapter of the Soil Conservation Society of America, the one-day meeting is expected to attract farmers and others from around the Northeast who are interested in the latest developments in conservation tillage.

The program will run from 10 a.m to 4 p.m and will feature equipment and supply displays, farmer presentations, and recent research findings.

Farmers will see exhibits and displays by equipment dealers, chemical companies, and seed suppliers They will be able to talk to commercial dealers about the latest technology There will also be non-commercial displays by agencies and other organizations involved in conservation tillage

The morning program will begin with a presentation by J Roger Barber, Commissioner, NYS Department of Agriculture & Markets on the theme of the conference "A New Era in Northeast Agriculture "

The role of conservation tillage in the Northeast will be discussed by Paul A Dodd, State Conservationist for the Soil Conservation Service in New York.

Featured speaker for the morning will be Mike Sager, an agricultural advisor and farmer from Woodford County, Illinois, who pioneered many of the current conservation tillage methods Specific conservation tillage pactices in New York will be the subject of Jim Peck, President of ConsulAgr, consulting company of Brookside Laboratories, and farmer from Newark, N.Y Fitting soil types to tillage practices will be discussed by Steve Probst, State Resource Conservationist for the Soil Conservation Service in Illinois

Rick Koelsch, Energy Specialist for Cornell University Agricultural Engineering Department, will address the energy aspects of conservation tillage

The afternoon session will feature an Ohio no-till experience presented by Neal and Nellie Springer, farmers from Knox County, Ohio who have been doing no-till for seven years on their farm with corn, soybeans, small grains and forages.

The remainder of the afternoon will offer discussions on conservation tillage for corn and conservation tillage for small grains and forages as viewed by two panels made up of farmers and specialists

The panel on tillage for corn will be moderated by Ev Thomas, Regional Extension Specialist on Field Crops.

Panel members will include Andy Burt, farmer from Canandaigua, N.Y., Butch Mattoon, farmer from Phelps, N.Y., and Bill Johnson farmer from Orange County, N.Y. The panel on conservation tillage for small grains and forages will consist of Bill Kirby, Regional representative for Ortho-Chevron Chemical Company, Dean Linscott, Cornell Agronomy Department and Lynn Hoffman, Research Farm Manager, Penn State University.

Tickets will be available from local Soil and Water Conservation District offices. The ticket price of $2 covers admission and a copy of the proceedings.

For additional information on the conference, tickets, or displays, contact Fred Gaffney, Soil Conservation Service, 771 Federal Building, Syracuse, New York 13260

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Delaware names new environmental specialist

DOVER, Del. — J Ross Harris, Jr. has been appointed extension specialist in environmental quality, according to Samuel M. Gwinn, director of the Delaware Extension Service.

In this newly created position, Harris will plan, develop and conduct educational programs to assist farmers and landowners with implementing practices related to the control of rural nonpoint source pollution. He will be working with individual farmers, local watershed groups and others concerned with water quality management planning in Kent and Sussex counties

Harris earned a B.S in agriculture from the University of Delaware in 1975, and pursued graduate study in Biological and Agricultural Engineering at North Carolina State University, Raleigh, N.C.

J. Ross Harris, Jr.

Since March of 1979 Harris has been employed as a research associate in the University of Delaware's department of agricultural engineering.

In his new position he is headquartered at the Kent County Extension Office, which is located in the Wesley Church Education Building, Dover

Farmers should expect increased labor costs

COLLEGE PARK, Md. — Farmers should expect higher labor costs in 1981, according to John W. Wysong, extension farm management specialist and professor of agricultural economics at the University of Maryland.

Two forces are behind the expected increase, notes Wysong First, the federal minimum hourly wage will rise from the 1980 level of $3 10 to $3 35 on January 1, 1981.

The second force involves the social security tax on employee earnings. The tax rate will not only rise from 6.15 percent to 6.65 percent, but the amount of total income subject to tax will rise from $25,900 to $29,700 per year.

Since most hired farm workers earn less than the new level of taxable earnings, their employer will have his tax bill increased to 6.65 percent on all wages paid, reports Wysong

Several suggestions have been made to offset the impact of rising labor costs on the price of producing milk and meat, but these suggestions have not been acted on by Congress.

One of these recommendations involves tax incentives for employers who hire youths and give them training on the job. Another proposal is to lower the minimum wage to 75 percent of the base rate for youths under 20 years of age. During rough economic times, young, inexperienced workers have the most trouble finding and holding a job, notes Wysong.

Passage of legislation which permits faster rates of depreciation on new equipment and building investments is still another area to help decrease the impact of rising labor costs.

Efficiencies in other areas of farm management also can help to lower the costs of each unit of output.

Assistance and additional information on farm management is available through county extension agricultural agents

Holy Night

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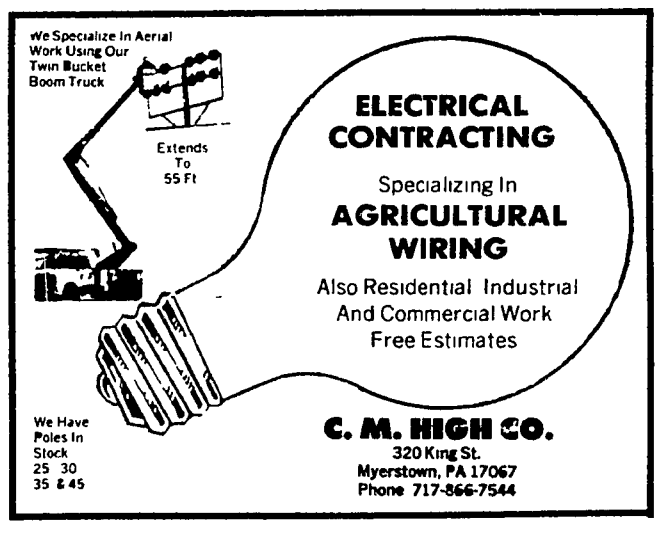

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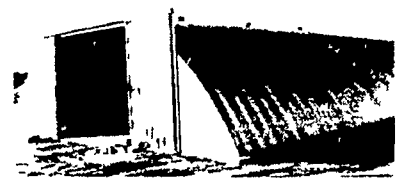

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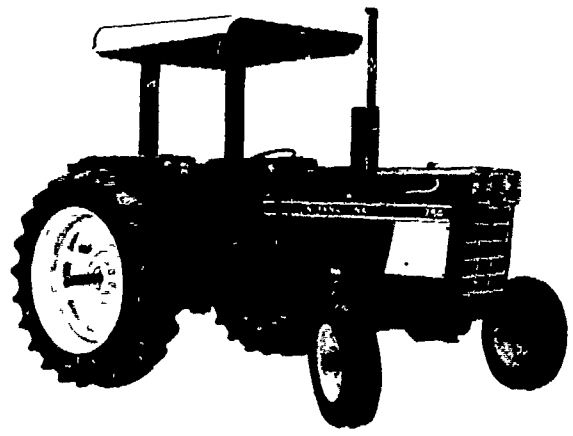

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Grangers oppose Ag Department proposal

HARRISBURG — The Pennsylvania State Grange voiced opposition to the new regulations covering the administration of the Clean and Green Act, at a hearing held in Harrisburg last week.

David Weinstock, The Grange's Public Relations Director, told officials of the State Agriculture Department of his organization's opposition to their plan to require owners of forest reserve land to have an implemented forest management plan in order to get a preferential assessment.

"We oppose this measure because the regulations are attempting to expand the scope of the law, and in doing so, bypassing the Legislature," Weinstock said, "Grange policy opposes regulations contradicting the intent of the Legislation they cover.

A forest management plan is in no way mentioned in the act, nor in any of the subsequent amending legislation."

He qualified his statements saying his organization would support the provisions "if (they) were offered in the form of legislation."

Grange policy supports the concept of the regulations, and even goes beyond what the regulations attempt to do.

"Our policy would increase the amount of forest acreage necessary to qualify for a forest reserve preferential assessment from 10 to 25 acres," he said.

Weinstock also suggested that if legislation were offered, the Agriculture Stabilization and Conservation Service's Tiber Stand Improvement cost-sharing practice be approved as a forest management plan.

Commenting on another section of the regulations, Weinstock noted that soil classifications were required for those lands included under agricultural reserves.

This "blatantly contradicts the purpose of the legislation," he said.

The definition for agricultural reserves "requires only that the land be non-commercial open space used for outdoor recreation, and that it is available for public use, free of charge."

Citing these requirements as going beyond the intent of the law, Weinstock called for the repeal of the soil classification requirement for agricultural reserve land

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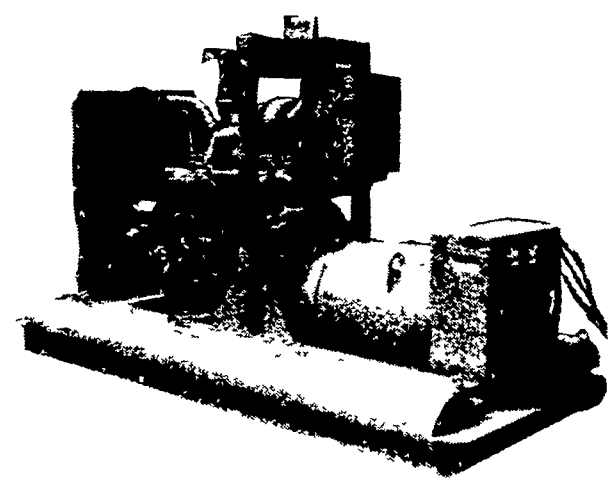

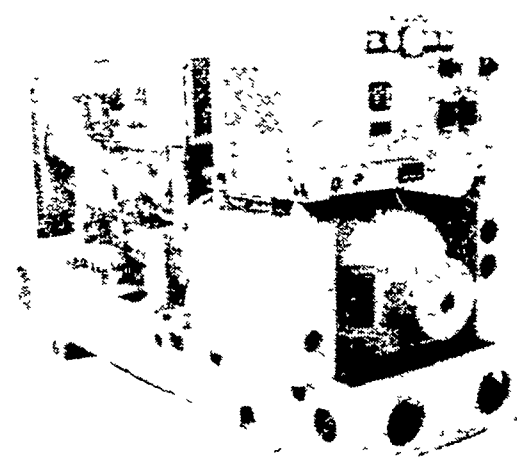

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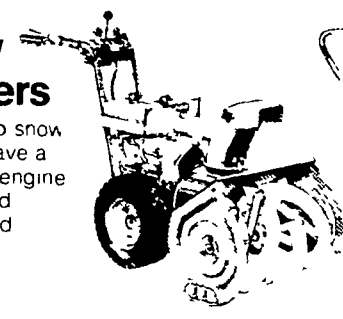

Snow Throwers

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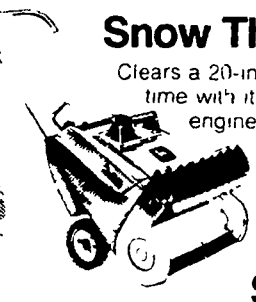

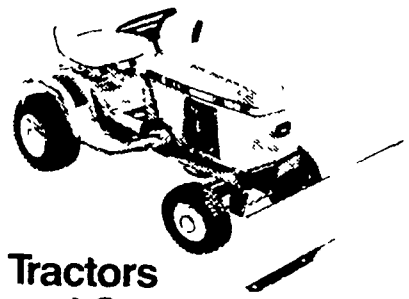

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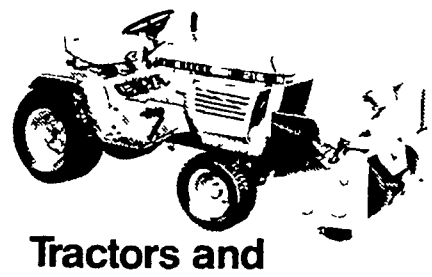
8 to 19 9 hp tractors can be equipped with capacity matched snow b ades to push light snow out of the way



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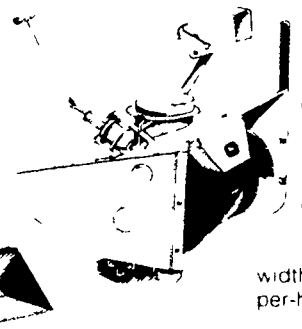

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Maryland teens attend 4-H Congress

COLLEGE PARK, Md. — Sixteen of Maryland's 43 teen-agers attending the fifty-ninth National 4-H Congress (Nov. 29-Dec. 4) in Chicago were sponsored by firms and organizations which operate primarily in the Old Line State.

The size of this year's state-sponsored delegation equals the record count set in 1978, according to a spokesman for the Maryland 4-H Club Foundation. Four members of the group ended up as national 4-H project scholarship winners or alternates

For the second consecutive year, the state-sponsored group included a national 4-H sheep project scholarship winner from Howard County. She is Susan Schoenian, 18, of Clarksville Last year's winner was Paul K Gardner, 19, of Morgan Both individuals were sponsored by the Maryland Sheep Breeders Association

Another Howard County resident on this year's state-sponsored list was Kimberly A Pardoe, 16, of Lisbon She was named second alternate for a national 4-H horse project scholarship

Mary A. Oesterling, 18, of LaPlata (Charles county) was selected as third alternate for a national 4-H dog project scholarship, and Glori D. Stifler, 18, of Glen Arm (Baltimore county) was named fifth alternate for a national 4-H citizenship project scholarship

Alternates qualify for national 4-H scholarships if the regular national project winners elect not to attend college Their state sponsors made possible an all-expense-paid opportunity they would not otherwise have had to attend the National 4-H Congress

A listing of some of Maryland's 1980 state 4-H trip winners to Chicago, and the project areas in which they earned recognition, are as follows.

Harford County - Karen E Holloway, 17, of Darlington, **beef cattle.** From a small nine-year-old farm girl who was afraid of large animals to a polished 4-H livestock judge with her own purebred Angus herd, Miss Holloway has come a long way during her 4-H career The daughter of Mr and Mrs Richard S Holloway, she is a senior at Havre de Grace high school.

Major 4-H achievements have included being top individual junior livestock judge at the Maryland State Fair in both 1976 and 1977 and first-place individual senior 4-H livestock judge at the state fair in 1978 Last year, as a member of the state 4-H livestock judging team, she placed second in both beef cattle judging and over-all standings in junior competition during the Keystone International Livestock Exposition at Harrisburg, Pa.

Also during 1979, Karen placed first in meats identification and senior herdsmanship competition at the Maryland 4-H Livestock Roundup on the state fairground in Timonium Later that year, she won a $1,000 scholarship as winner of the junior stockman's contest at the Eastern National Livestock Show She plans to use the money to study animal science at a four-year college Her trip to the National 4-H Congress was sponsored by the Maryland Cattlemen's Association

Howard County - Donna M Day, 16, also of Marriotsville, **swine.** A junior at Glenelg high school, she is a member of the concert choir Her 4-H activities have concentrated on livestock, vegetable gardening and camping Her parents are Mr and Mrs. H Calvin Day Mr Day is the vice-president of Farm and Home Service, a Southern States Cooperative agency with stores at Ellicott Cit, and Sykesville.

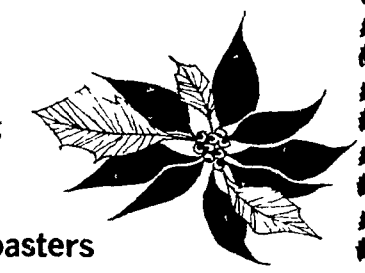
Donna exhibited the reserve champion 4-H and FFA market hog at the 1979 Maryland State Fair, and she has done well in swine fitting and showing competition She and her older brother have also maintained sheep and beef cattle projects, along with a garden, on the family's 3½ acre mini-farm She is hoping to attend college and pursue a career related to animals Her trip to the National 4-H Congress was sponsored by the Maryland Pork Producers Association.

Howard County - Jack E Girod, 16, of Dayton, **poultry.** Along with Miss Day, Jack is a member of the West Friendship 4-H club Like Miss Day, he is a student at Glenelg high school His sophomore ex-

(Turn to Page D5)

Season's Greetings

May the Peace and Joy of Christ fill your hearts during this Christmas Season and throughout the New Year!



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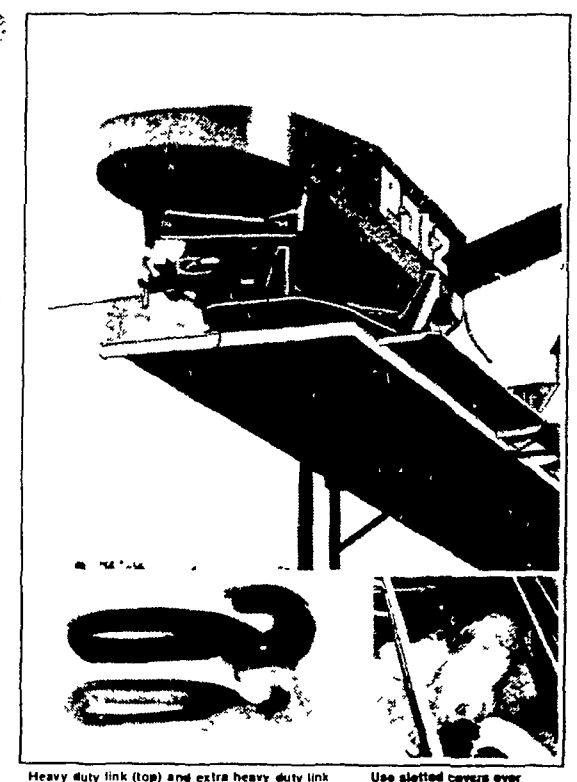

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Maryland teens

(Continued from Page D4)

tracurricular activities involve vocal music and drama. Jack's parents are Mr and Mrs Marchmont A. Girod. His father is the principal at Dunloggin Middle School.

Jack maintains a flock of 50 Leghorn and Sowsex laying hens on the family's three-acre mini-farm. He has won blue-ribbon awards for "best eggs" and "best hen" at the Howard county fair. His career goals include the possibility of studying agricultural and resource economics at the University of Maryland Sponsoring his trip to the National 4-H Congress was the Maryland Egg Council.

Howard County - Kimberly A. Pardoe, 16, of Lisbon; **horse and pony.** Kim, too, is a student at Glenelg high school. She is a junior honors student with career aspirations to be a large-animal veterinarian Kim is a member of the Centaurs 4-H club; she raises broilers and lambs on the family's three-acre tract to help pay for the upkeep of her 4-H horse project. Her parents are Mr. and Mrs. C. Thompson Pardoe.

Kim's 4-H horse is a 14-year-old half-blood Arabian named Regal Raphael. Kim is a three-phase rider, taking part in cross-country, dressage and English showring competition. In connection with her separate junior leadership 4-H project, she helped to organize a countywide charity gymkhana to raise the money for the "Riding for the Handicappers" 4-H program in neighboring Carroll county. She also took the lead in staging a two-day 4-H horse jamboree in Howard county. Her trip to the National 4-H Congress was sponsored by the Maryland State Quarter Horse Association and the Maryland Horse Breeders Association

Howard County - Susan G Schoenian, 18, of Clarksville; **sheep.** A 10-year 4-H member, Miss Schoenian is a freshman at Ohio State University with a four-year academic scholarship The youngest of three children, she plans a career in either communications or veterinary medicine. Her parents are Mr. and Mrs. Walter E. Schoenian, Jr.

Susan is a member of the West Friendship 4-H club Her animals projects have included purebred Southdown and Dorset sheep She also has carried a 4-H photography project which enabled her to take prize-winning sheep pictures. In 1979 she was selected as an official 4-H state fair photographer and member of the county's senior 4-H livestock judging team. Her trip to the National 4-H Congress was sponsored by the Maryland Sheep Breeders Association

Montgomery County - Kirsten R. Vader, 15, of Mount Zion; **dairy goat.** A sophomore at Magruder high school, Miss Vader has aspirations for a career in veterinary medicine. During her seven years as a 4-H member, she has carried sewing, dairy goat and veterinary medicine projects.

Kirsten became interested in dairy goats during summertime visits to the Montgomery county fair, which is noted for its large goat show. She sells goat milk in her community, and she has lent her goats to neighbors to clean out poison ivy. Kirsten's parents are Mr. and Mrs David G. Vader. Her father is the principal at Germantown elementary school. Sponsoring her trip to the National 4-H Congress was the Maryland 4-H Club Foundation.

Charles County - Annette T Bailey, 16, of Hughesville; **veterinary science.** Miss Bailey is a senior at Thomas Stone high school in Waldorf. She is a member of the high school marching band and the All-American Youth honor band, which has made trips to Rome and London in the last two years Her

(Turn to Page D 6)

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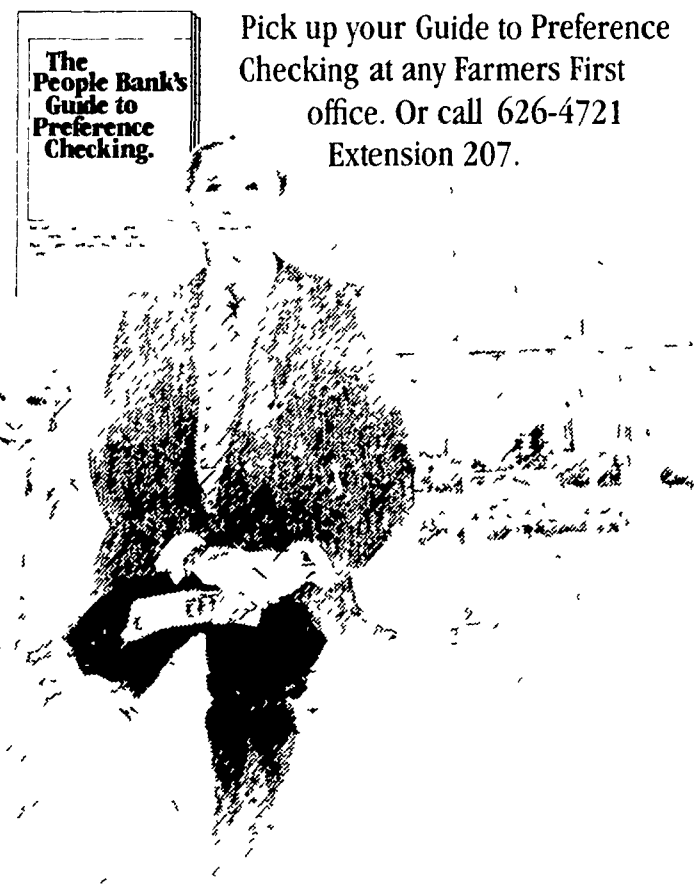

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Beef prices on rise in 1981

DENVER, Colo., — Retail beef prices in 1981 are expected to average about 10 percent higher than in 1980, the National Cattlemen's Association predicted Monday

NCA said present indications are most of the expected price increase will occur in the spring, when meat production will be decreasing seasonally. Beef supplies and prices are expected to be fairly stable during the remainder of the year.

For 1981 in total, beef production will increase about 1 percent, NCA said, and poultry output also will rise. However, pork production will decrease, and total meat production in 1981 will be down slightly from 1980. The drop in pork supplies will contribute to the expected rise in average beef as well as pork prices

Merlyn Carlson, NCA president, pointed out that the nation's basic inflation problem, affecting the prices of all goods and services, is responsible for much of the recent and expected increase in average meat prices Supply changes are not the only cause

The average cattle price received by cattle feeders this year has been slightly less than the 1979 average Carlson said, but inflation and rising costs of processing and distribution have put upward pressure on retail beef prices increase for the year is only 5 percent, or considerably less than the over-all inflation rate

A major reason for beef's not showing much price increase this year his been the total supply of meat With an increase in pork production in particular, total per capita meat supplies have been record large. While prices of most food and other items continued to rise rapidly, Carlson said, meat prices remained relatively favorable

Looking at the economic situation for the cattle industry, Carlson noted that total cattle numbers have been at a cyclical low point for the past two years Theoretically, at this point in the cattle cycle, catlemen should be making good profits

However, energy, interest, feed and other costs have been rising even more than the general inflation rate. At the same time, large total meat supplies, inflation and a weak economy have tended to hurt demand The result has been a financial squeeze on cattlemen for the past year or more This situation, Carlson said, may delay or limit future herd expansion.

A major problem at this time results from the 1980 drought, a smaller corn crop and a big increase in feed grain prices The higher feed costs, Carlson explained, have contributed to financial losses for cattle feeders. That, in turn, means weaker demand and lower prices for feeder cattle (the cattle purchased by feeders, from producers, for finishing in feedlots) Cow-calf operators, who produce beef calves, have been in a break-even or loss position since last February And a lack of profits obviously reduces the incentive and ability to expand basic breeding herds, Carlson said.

If the industry's cost-price squeeze continues, he said, the current cyclincal build-up in cattle numbers may be slowed or halted This would mean less beef in future years than generally has been expected.

Maryland teens

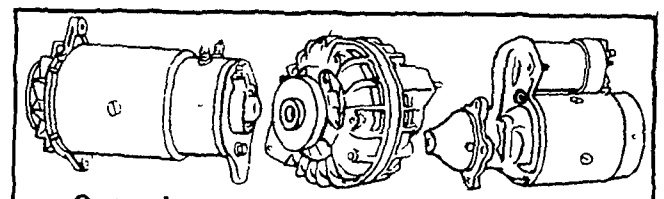
(Continued from Page D5)

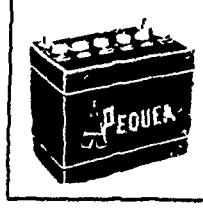
aspirations are of a career in veterinary medicine

Moving to a small farm in 1976 intensified Annette's interest in animals Looking for help at the Charles county fair led to 4-H membership and a variety of projects, including photography, gardening, field crops, broilers and veterinary science This latter project resulted in ownership and a chance to practice preventive medicine with beef cattle, sheep and goats. Her interest in photography and veterinary science helped her to master the art of microphotography Annette's parents are Mr and Mrs Paul V. Bailey. Her trip to the National 4-H Congress was sponsored by the Maryland State Veterinary Medical Association

Charles County - Lori L Burke, 15, of White Plains; rabbits. Miss Burke is a sophomore in McDonough high school at Pomfret Lori was selected to participate last summer in a program for the gifted and talented at the University of Maryland She, too, has aspirations for a career in veterinary medicine Her parents are Mr. and Mrs. Paul T Burke

When she moved to Charles county with her family four years ago, Lori decided that joining a 4-H club would be a good way to meet other persons of her age She already had experience with rabbits, but membership in the county 4-H rabbit club taught her a lot she didn't know previously She won the junior 4-H rabbit judging contest at the Maryland State Fair in both 1978 and 1979 Other 4-H projects have included small pets, dog training and junior leadership Her trip to the National 4-H Congress was sponsored by the Maryland State Fair Board





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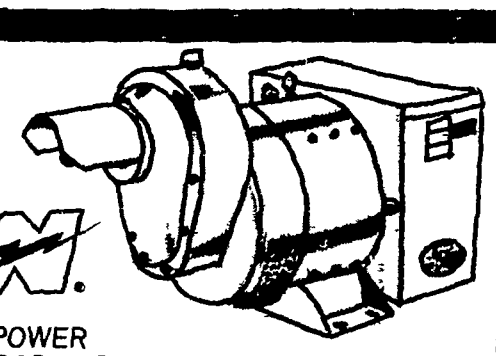

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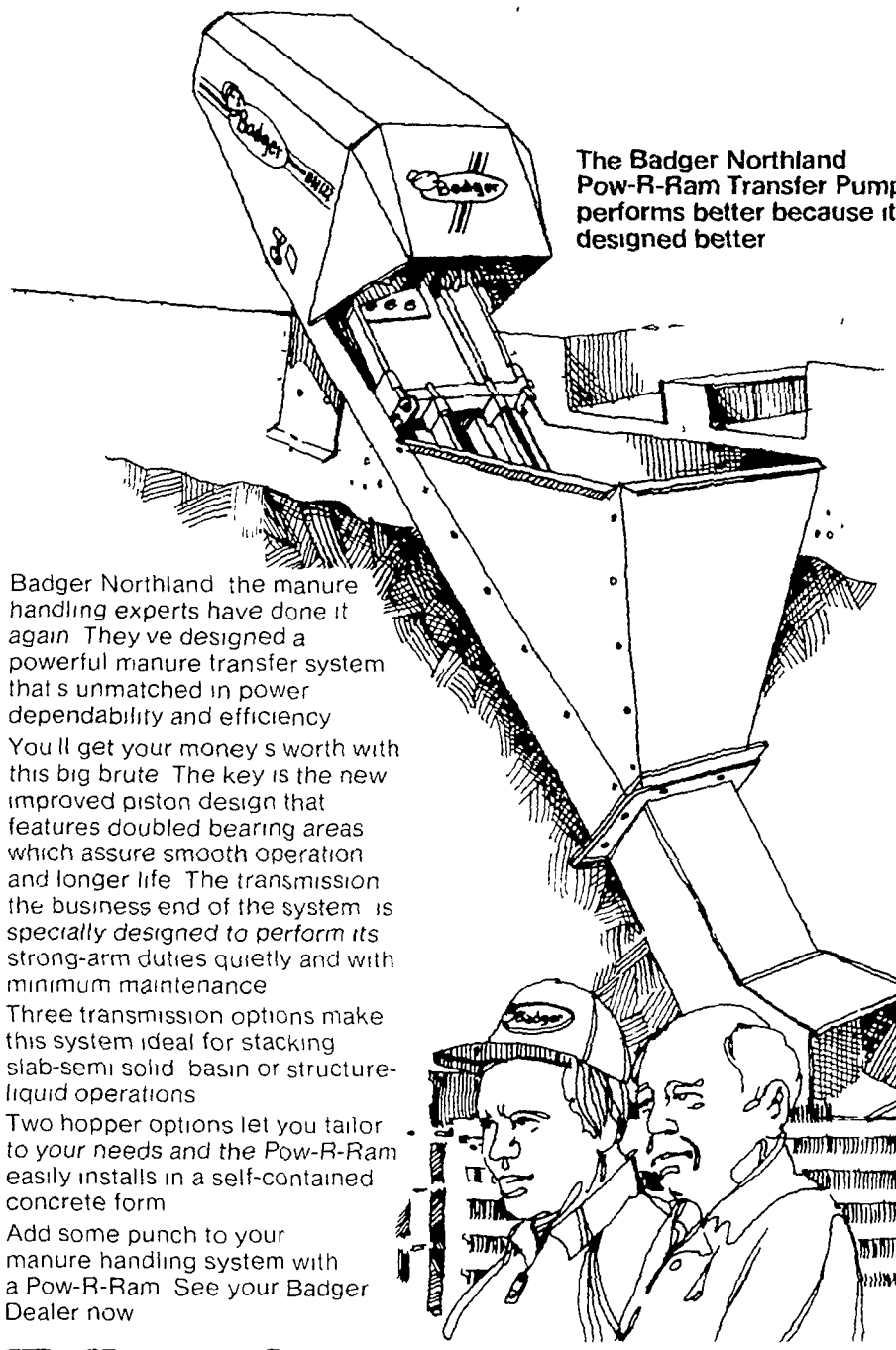

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Just how high can future corn yields go?

DEKALB, Il. — Corn yields have increased rather steadily over the years. From 1900 to 1980, the U.S. increase averages .8 bushels per acre per year. If you use 1979 instead of 1980, the upward trend is one bushel per acre per year. And, when hybrid corn first dominated U.S. acreage around 1940, the annual increase is more than 1.5 bushels per acre per year.

The lowest average yield since 1900 took place in 1934, when the crop only yielded 15.7 bushels per acre. The highest occurred in 1979, when U.S. corn growers produced per acre. It appears the national average will be between 90 and 91 bushels per acre for 1980.

Several individual reports of corn harvests exceeding 300 bushels per acre have been recorded. The top authenticated yield currently stands at 352 bushels per acre, set when Roy Lynn Jr., Schoolcraft, Mich. harvested that yield from a measured acre in 1977

If you ask plant scientists what the theoretic maximum corn yield is, you'll get a range of answers that depend on assumptions made. Some place the figure at over 1,000 bushels per acre. Another school of thought places the maximum at 830 bushels per acre. A recent thoughtful paper suggests that 490 bushels per acre is a practical maximum for the central U.S. corn belt.

There's a huge difference between what the average U.S. farmer is harvesting and the suggested maximum. Using 1980 production, there's a 400 bushel-per-acre difference. R. E. Wagner of the Potash/Phosphate Institute says this difference is the world's greatest resource. Certainly this latent 400 bushel-per-acre cushion is comforting.

Even the top realized yields fall at least 150 bushels short of the maximum. Everyone has a lot to learn in attempting to tap this valuable food resource.

Experts suggest that world food production must increase by 60 percent in order to feed the projected population in the year 2000. That's only 20 years from now, and even the encouraging upward corn yield trend is not enough to do the job.

Today's hybrids have already demonstrated that corn yields of over 300 bushels per acre can be acheved. Thanks to plant breeding advances, genetics aren't the limiting factor.

Today's technology is unable to prescribe how to consistently produce 200-bushel yields. Here is where research and experimentation must apply tremendous pressure. Farmers can do a great deal to lift the nation's average yield by adopting better fertilizer practices, better pest control, higher populations and more timely operations. Those farmers presently doubling the average production for their stte or community are already using these techniques effectively.

In recent years, several university and agribusiness groups have started working with individual top farmers to learn how to produce field-scale 300-bushel corn yields with some consistency. That's a much needed activity. In addition, everyone concerned with eating needs to provide strong support to both public and private research efforts aimed at unlocking more of the secrets of crop production. Time will tell all people involved in agriculture if they were successful.

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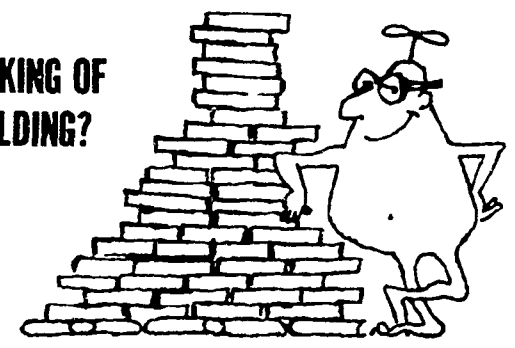

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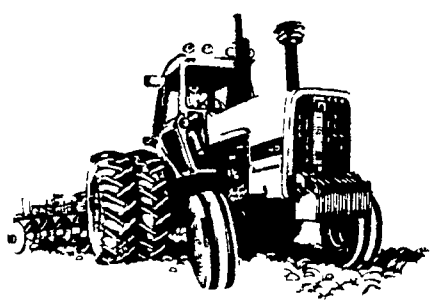

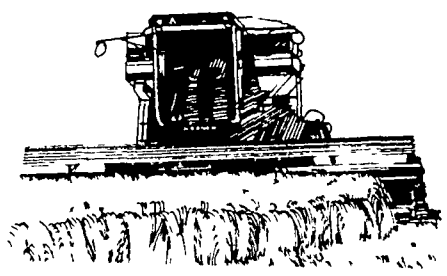

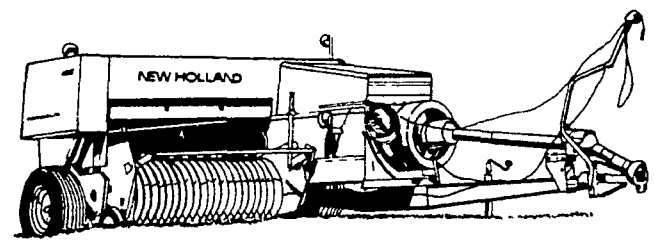

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The Dairy Business

By Newton Bair

FALLACIES AND FANCIES IN FEEDING

If there is any good to be gleaned or lesson to be learned from our mistakes, I guess the first thing to do is admit that a mistake can be made. It's not easy to look at ourselves and detect the little personal hang-ups that might be slowing down the progress we dream about.

So, let's stand way back and take a critical look at some of the little things that most often keep a fairly good herd from becoming an excellent herd

Since almost all herds today have the same genetic potential for production, why is there so much variation in actual performance?

The most important single factor is in feeding. Sure, there are other management skills involved, but feeding practices vary more than any other thing that effects production.

Forages account for about 60 percent of the total ration fed to dairy cows. Since the nutrient content of hay, haylage and silages can vary tremendously, the skillful feeder must know the quality of his forages in order to formulate a balanced ration for high production and reproduction.

I've recently taken a critical look at the forage analysis reports in our county. The extension office receives a copy of every sample that is tested at Penn State. Hay samples will vary in Crude Protein from a low of 6 1 percent to a high of 21 5 percent. The average is around 15 percent crude protein

Calcium varies from 50 percent to 1.58 percent, and Phosphorus runs between 14 and .45 Haylage samples, all mixed mainly Legumes (MML) run from 8 7 percent to 20 8 percent Crude Protein (dry matter basis) and the Calcium and Phosphorus content vary similar to the hay samples

You can see that the difference between the low and high test figures are nearly threefold! So any attempt to balance a ration for high producers using average figures for hay or haylage would be a prime fallacy and very costly, either in terms of lost production or overfeeding high priced protein.

Another common error in feeding that's often overlooked is failure to weigh, or at least estimate accurately the amounts of forage actually eaten by the cows. We are more prone to weigh or measure the grain than the silage and hay, especially when feeding large groups out of a bunk.

Take a few minutes periodically and weigh the silage in a 10 foot section of the bunk before the cows disturb it. You can then quickly estimate the contents of the bunk for that feeding and divide it by the number of cows fed, to get the weight of silage eaten by the average cow.

Assume that the heavier milkers eat more than the lighter milkers.

Another mistake that will short change the cows is guessing at the moisture content of silages There can be as much as 20 percent variation in the moisture of different samples of haylage from the same silo A sudden change in the moisture of silage as fed can rob the cows of needed dry matter intake, and also can signal a change in the nutritive content of their feed.

Obviously, the only way to avoid mistakes in feeding is to measure, weigh, test, calculate and formulate Avoid averages and guestimates" as much as possible, and then remember that the best possible feed program on paper isn't worth a nickel until it is reproduced accurately in the feed bunk

The cow must actually eat the proper ratios of hay, silage, grain and supplement Unfortunately, she can't read the paper with her feed program on it, and I'm not sure that she would like it any better if she could.

But you have control of what is laid before your cows to eat, and it can make a big difference in the health and productivity of your herd, and also in your profits.

Goats to appear for first time at Farm Show

HARRISBURG — A Dairy Goat show will be held at the Harrisburg Farm Show building for the first time

The show will be run by the Blue Mountain Dairy Goat Association, and it will be held during the Farm Equipment Expo in March.

It will be an open doe show sanctioned by the American Dairy Goat Assoc.

The does must be in place by March 4, 9 p.m. for a pre-show milkout at 10 p.in.

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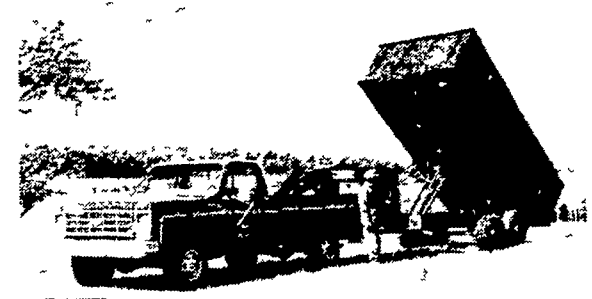

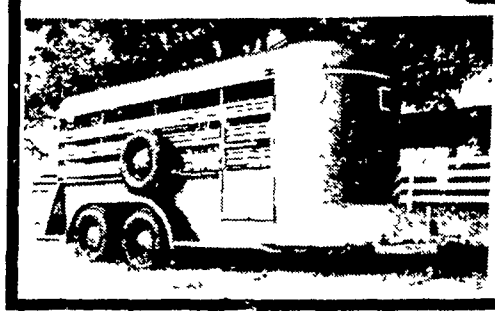

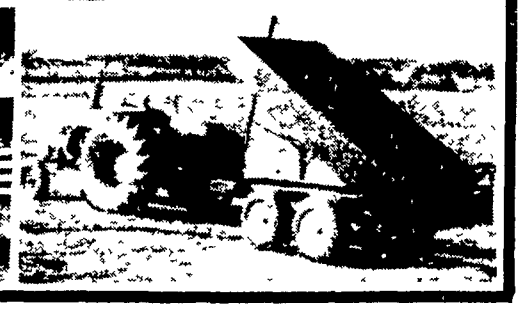

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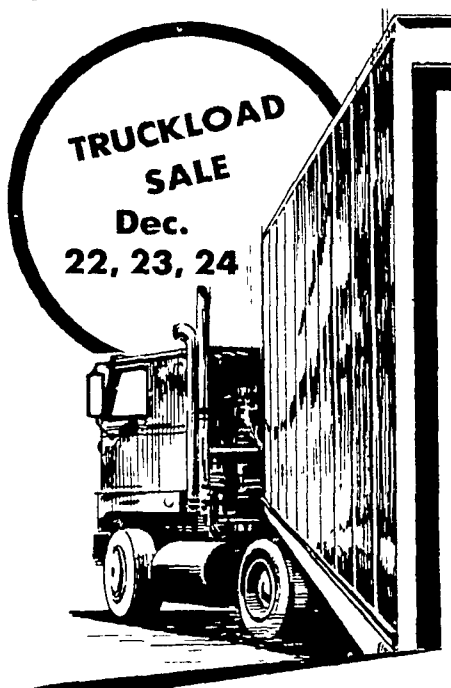

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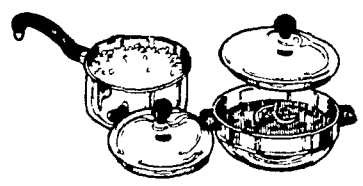

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Lebanon County DHIA Monthly Report

October 1980

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Gary Lee Mase	00	11 0	94 9	48 1	4 3	2 08
Phares Z Musser	3	61 5	92 0	51 6	3 9	2 01
Isaac E Zimmerman	3	21 0	94 9	49 8	4 0	1 99
Kenneth Mase	B3	71 5	81 4	49 9	3 9	1 97
R & M Getz	3	52 4	88 8	50 6	3 9	1 97
Kenneth I Sellers	3	40 2	80 4	47 5	4 1	1 94
David Brandt	3	67 9	88 3	50 1	3 8	1 92
R & R Shirk	3	77 8	91 3	48 9	3 9	1 92
Eugene R Houser	B3	24 4	97 6	52 7	3 6	1 92
Vincent A Wagner	3	42 0	89 1	51 6	3 7	1 91
L Burkholder Jr	B3	51 3	95 6	50 8	3 8	1 91
Hoover Farms	3	85 6	88 2	52 2	3 7	1 91
Hubert S Miller	3	54 2	90 5	46 6	4 1	1 90
L Burkholder Jr	B3	49 3	96 9	51 4	3 7	1 89
A R Krall & Son	B3	68 0	91 4	48 4	3 9	1 87
Gary Lentz	B3	39 9	92 5	48 7	3 8	1 87
Gideon Fisher Jr	G3	35 6	88 1	51 9	3 6	1 86
Sonnen Acres	B3	107 0	86 2	47 1	3 9	1 84
Norman Kline	B3	78 4	86 5	45 6	4 0	1 84
Luke Wise	G3	38 2	97 8	53 9	3 4	1 83
Leon Burkholder	B3	47 3	93 4	46 8	3 9	1 82
Ferndale Farms	3	95 4	83 2	44 6	4 0	1 79
M Meyer & Sons	B3	95 2	89 5	45 8	3 9	1 79
Roy E Nolt	B3	48 2	85 9	46 2	3 9	1 79
Reuben O Martin	B3	67 2	84 9	50 8	3 5	1 78
Hostetter & Sons	3	87 0	82 8	43 9	4 0	1 76
Fort Zeller Fm	B3	50 0	86 4	43.5	4 0	1 76
Irvin Horst	3	53 0	89 9	47 7	3 7	1 76
Eugene Martin	B3	89 9	91 2	49 8	3 5	1 76
Arnold Acres	3	100 7	86 1	44 4	3 9	1 74
D & D Bucher	G3	68 7	93 7	47 5	3 7	1 74
Philhaven Farm	3	99 0	88 4	44 5	3 9	1 73
Philhaven Farm	3	99 0	88 3	46 2	3 7	1 73
Marlin M High	B3	36 0	83 4	46 3	3 7	1 73
Wernerway Farm	B3	122 6	80 2	43 7	4 0	1 73
Dona'd G Hoffer	B3	46 0	89 3	46 4	3 7	1 72
Mervin W Horst	B3	40 5	90 9	51 2	3 4	1 72
Willow Maple Farm	3	42 6	81 1	54 7	3 1	1 71
Mark C Patches	B3	94 5	87 1	41 6	4 1	1 69
John Brubaker	B3	50 0	87 6	47 7	3 5	1 69
Ernest Detweiler	B3	48 6	77 8	43 7	3 8	1 68
Roy E Nolt	B3	50 1	76 7	42 5	3 9	1 67
Hoover Farms No 2	B3	50 3	85 0	45 6	3 7	1 67
Leon Horning	B3	37 0	83 9	47 9	3 5	1 67
Ernest Wagner	3	40 6	84 8	43 7	3 8	1 66
Bomberger & Son	B3	68 7	87 8	43 7	3 8	1 65
Hershey Bare	3	82 8	86 7	42 6	3 9	1 65
Leon H Kline	3	78 7	84 9	43 0	3 8	1 65
Jacob Smith & Son	2	71 1	94 0	34 3	4 8	1 64
Reuben O Martin	B3	67 9	79 8	45 0	3 6	1 64
Dennis Wampler	B3	99 3	90 3	48 9	3 3	1 63
Fort Zeller Farm	B3	51 1	86 6	42 6	3 8	1 62
Warren Hetrick	B3	38 4	86 1	41 9	3 9	1 62
A & M Martin	B3	39 8	83 1	45 0	3 6	1 61
Elvin Martin	00	41 0	95 7	42 9	3 8	1 61
Harvey Bomgander	B3	41 6	92 0	44 6	3 6	1 61
B & K Farms	G3	64 4	82 2	42 2	3 8	1 59
B & K Farms	G3	68 4	80 4	43 8	3 6	1 59
Marlin M High	B3	35 0	84 7	45 5	3 5	1 59
S Mt Echo Dairy	B3	124 5	88 2	40 7	3 9	1 57
San Bo Holsteins	3	65 3	82 4	42 4	3 7	1 57
Lentzdale Farms	B3	71 5	90 0	41 3	3 8	1 57
Walter K Heisey	B3	50 1	82 2	42 0	3 7	1 57
Galen Bollinger	B3	133 0	86 3	43 1	3 6	1 56
Walter M Martin	B3	48 5	85 7	44 8	3 5	1 55
Harvey Bomgardner	3	98 2	85 2	41 2	3 7	1 53
Jacob Smith &Son	2	74 9	91 1	30 4	5 0	1 52
Hostetter & Sons	3	85 8	76 6	37 4	4 1	1 52
Ronald Kelchner	B3	61 1	82 5	41 0	3 7	1 52
David Zimmerman	B3	49 9	77 1	42 1	3 6	1 52
I & E Martin	B3	58 0	91 2	48 3	3 1	1 52
Clarence G Mase	B8	50 2	75 2	38 9	3 9	1 52
Raymond K Martin	B3	41 6	83 8	40 7	3 7	1 51
Melvin Krall	B3	87 3	81 8	40 5	3 7	1 51
Clarence G Mase	B8	50 9	77 1	37 5	4 0	1 51
Ivan M Weiler	B3	71 0	92 7	41 6	3 6	1 50
Roy H Weaver	B3	64 8	82 5	39 4	3 8	1 50
Lloyd Newswanger	B3	74 0	78 1	39 5	3 8	1 50
Marlin D Heisey	B3	42 6	77 3	41 2	3 6	1 49
Albert F Moyer	3	92 6	82 6	37 9	3 9	1 48
Harold Myer	B3	303 6	83 6	38 0	3 9	1 48
Luke I Patches	B3	43 9	74 8	42 8	3 5	1 48
Twin Maple Farm	B3	45 0	75 9	40 3	3 7	1 48

(Turn to Page D10)

WAIVER OF FINANCE CHARGES UNTIL MARCH 1, 1981

HURRY, OFFER ENDS DEC. 31, 1980!

If you buy any of our **new Case** farm tractors or one of our used agricultural tractors of **any make** between November 1, 1980 and December 31, 1980...and finance it through J I Case Credit Corporation ...we'll waive all finance charges until March 1, 1981.

We're trading high on new advanced design Case models and on every used agricultural tractor on the lot.

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- LEASING
- RENTALS
- PARTS
- SERVICE
- RECONDITIONED TRACTORS

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ZIMMERMAN'S FARM SERVICE
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EDWARDS FARM EQUIP.
291 West Moorestown Road
(Rt 512 Clearfield)
Nazareth, PA
(215) 759-0240

PEOPLES SALES & SERVICE
Oakland Mills PA
(717) 463-2735

C. & P. FULTZ EQUIP.
RD 1
Spring Mills PA
(814) 422-8805

E. W. BILEWICZ EQUIP., INC.
Elmer Rd , Richwood NJ
(609) 881 2692

BINKLEY & HURST BROS.
133 Rothsville Station Rd
Lititz, PA
(717) 626-4705

CLAIR J. MYERS
Lake Road R1
Thomasville, PA
(717) 259-0453

C. H. WALTZ SONS, INC.
RD1 Cogan Station, PA
(717) 435-2921

PAUL SHOVER'S, INC.
35 East Willow St
Carlisle, PA
(717) 243-2686

T & T SUPPLY, INC.
RD5, Danville PA
(717) 275-0927
2 mi S off Rte 54

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The Stihl 010 is one tough little number. Built to last for years And right now it comes with a "Bonus Special." You receive over $45 worth of accessories at participating dealers. Offer includes spare cutting chain, bar groove cleaning tool, file and handle, 8 oz. can of engine oil, wrench*, firewood cutting booklet, owner's manual* and a matching chain saw carrying case.

*Standard equipment with all Stihl saws

This offer applies to Stihl Models 015L and 015AV

STIHL® The world's largest selling chain saw.

FREE DEMONSTRATION
Chain Saw - Concrete & Metal Saw Rentals

STOLTZFUS WOODWORK
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1 Mile North Rt 897 From Gap

A & B SALES & SERVICE
2 Miles South of Rt 23 Along 772
Thru Monterey - RD 1 Ronks PA

WES STAUFFER SMALL ENGINES
RD 3 Ephrata PA
Phone (717) 738-4215
Ephrata Exit New Rt 222
½ Mile West on Rt 322
Turn Left unto Pleasant Valley Rd

NORMAN H. ZIMMERMAN
Myerstown RD 2
Phone (717) 866-4695
½ mile west Myerstown West Main St.

MARTIN HARDWARE & EQUIPMENT CO.
Rt 501 1½ Miles South of Schaefferstown PA
Phone 717 949-6817

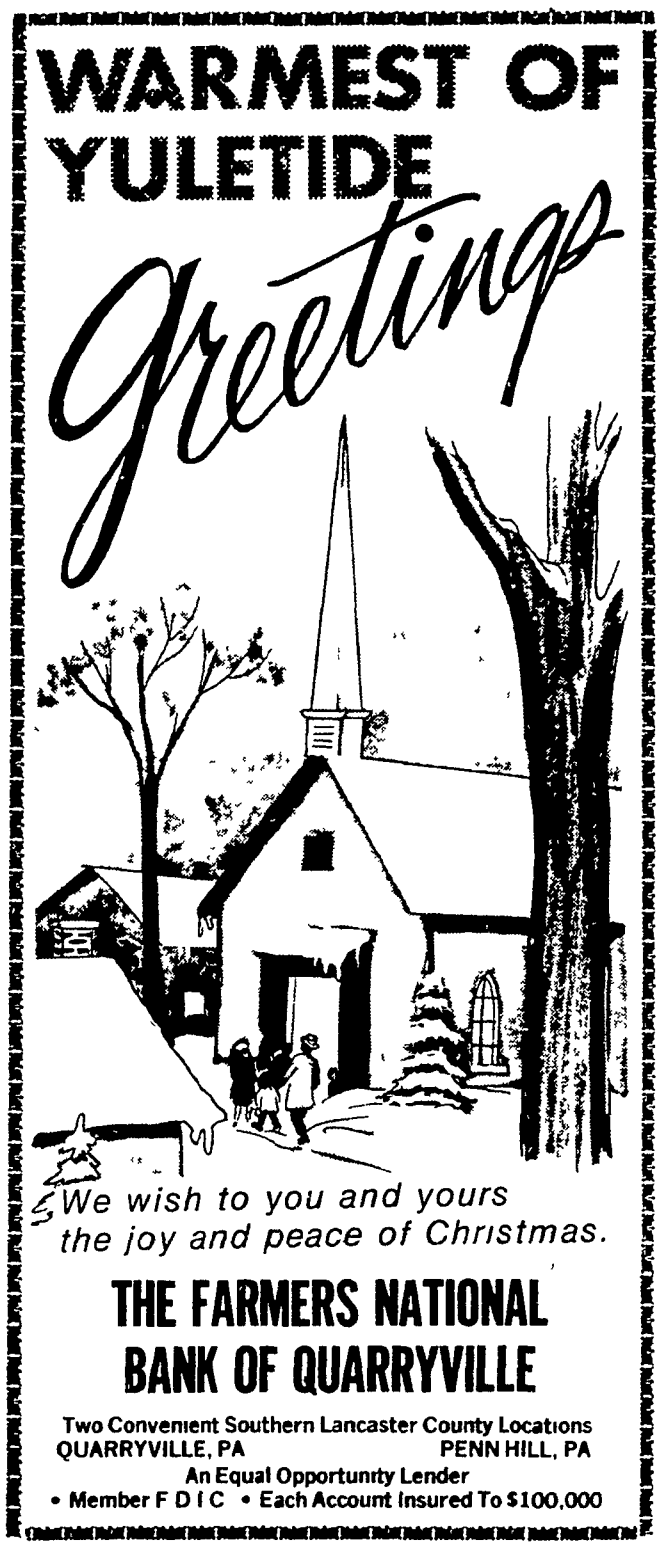
Lebanon Co. DHIA

(Continued from Page D9)

Daniel B Shirk	3	43 8	78 7	41 0	3 6	1 48
Lester Martin	B3	58 3	75 3	40 4	3 7	1 48
David H Horning	G3	61 0	79 8	40 0	3 7	1 48
David B Lehman	B3	42 5	87 7	40 9	3 6	1 48
J C Zimmerman	B3	107 7	87 4	38 5	3 8	1 48
Richard Vanlieu	3	30 9	71 9	42 5	3 5	1 48
Melvin Krall	B3	86 2	82 7	40 8	3 6	1 48
Enos N Leinbach	3	31 5	93 4	39 0	3 8	1 47
Robert Martin	B3	41 5	77 0	40 8	3 6	1 47
Melvin M Nolt	B3	54 9	87 4	39 1	3 8	1 47
Richard Heilinger	B8	30 0	81 2	41 3	3 5	1 46
Enos N Leinbach	3	32 4	93 5	38 3	3 8	1 45
Enos N Zimmerman	B3	88 3	80 8	37 9	3 8	1 44
Conewago View Fms	B3	63 4	77 5	36 2	4 0	1 44
Amos Balsbaugh Jr	3	41 0	83 8	39 7	3 6	1 44
Wilmer S Reiff	G3	61 4	79 9	38 0	3 8	1 44
Larry G Shuey	B3	59 3	82 8	40 4	3 6	1 44
Mark Copenhaver	B3	57 1	80 9	38 2	3 7	1 41
Bucher Brothers	B3	40 5	82 0	35 9	3 9	1 41
G & V Arnold	B3	103 9	83 7	36 0	3 9	1 40
James Zimmerman	B3	54 0	85 8	37 4	3 7	1 40
Moses O Martin	B3	68 3	81 4	39 2	3 5	1 38
David Zimmerman	B3	49 7	72 7	38 8	3 5	1 37
John H Stick	1	31 9	95 6	33 5	4 0	1 35
Clyde E Deck	G3	71 9	80 9	33 5	4 0	1 34
P & N Brubaker	B3	54 3	89 9	35 2	3 8	1 34
G & E Ungemach	B3	77 8	83 6	36 4	3 7	1 33
Dol Mar Dairy	B3	79 0	82 5	32 9	4 0	1 32
Thomas Hostetter	B8	34 0	80 5	35 0	3 8	1 32
Irvin Z Brubaker	B3	33 8	72 5	37 9	3 5	1 32
Clyde E Deck	G3	68 5	84 2	32 8	4 0	1 31
C High Jr	B3	61 3	86 6	35 6	3 7	1 31
Jeffrey D Rymoff	B3	28 0	78 0	39 5	3 3	1 30
Lil Dutch Acres	D8	16 3	100 0	32 4	4 0	1 30
Cyrus Bomberger	B3	197 5	81 1	34 6	3 7	1 28
Clarence Martin	B3	35 0	77 8	35 9	3 6	1 28
P & C Heffelfinger	3	31 9	81 1	35 3	3 6	1 27
Ray R Sattazahn	B3	103 9	74 5	36 3	3 5	1 27
Twin Maple Farm	B3	45 8	76 6	35 0	3 6	1 27
M M Bennetch	3	138 9	81 5	34 6	3 6	1 26
Kenneth E Ober	G3	39 3	79 6	35 8	3 5	1 26
Gluck Auf Farm	B8	30 7	90 2	34 0	3 7	1 26
David Eugene Reiff	3	40 2	76 0	36 3	3 4	1 24
R Zimmerman	B3	74 8	81 2	38 7	3 2	1 24
Isaac Stoltzfus	G3	32 0	74 4	30 2	4 1	1 23
Richard Batz	3	27 0	96 0	5 0	3 5	1 21
Neal Eshleman	B3	43 1	69 6	34 9	3 5	1 21
John H Tshudy	B1	42 3	83 1	29 0	4 1	1 18
Dol Mar Dairy	B3	128 0	75 5	29 9	3 9	1 18
Dennis L Showers	B3	42 5	80 0	33 5	3 5	1 17
Russel S Houser	3	32 0	72 0	30 5	3 8	1 17
Linford Halteman	B3	43 0	79 9	37 4	3 1	1 17
Donald Bomberger	4	48 5	95 5	27 0	4 3	1 15
R Emrich & Son	B3	98 0	82 6	28 9	4 0	1 15
Ezra H Martin	B3	51 0	76 5	32 1	3 4	1 09
R Sollengerger	G4	38 0	84 9	21 9	4 9	1 08
A Ralph McCrone	B3	37 6	83 6	26 2	4 1	1 07
John D Bomgardner	3	47 9	62 7	27 2	3 9	1 07
Wenger Farms	G3	54 4	85 9	26 6	3 6	0 96
Dol Mar Dairy	G3	50 0	64 9	24 6	3 9	0 95
Tennyson Martin	00	49 0	99 9	27 6	3 4	0 94

OWNER NAME OR NUMBER	AGE	LBS MILK	% FAT	LBS FAT
Jacob N Smith & Son				
109	8 9	16,186	5 0	812
Kenneth I Sellers				
Kim	9 3	20,610	4 1	846
Nugget	5 11	22,861	4 1	933
Alice	5 7	26,335	3 4	898
Cindy	3 8	23,204	3 6	831
Hubert S Miller				
Top	7 5	19,433	4 4	846
Ferndale Farms				
Grace	10 9	18,812	3 8	715
Iona	6 4	20,118	3 5	703
Glenda	3-5	20,383	3 5	718
David Brandt				
8	7-9	21,041	4 6	958
21	3-2	21,514	3 6	783
84	2-11	20,181	4 0	806
Albert F Moyer				
Ina	8 5	20,411	3 9	789
Dol Mar Dairy				
29	5 1	19,454	4 1	798
Robert Sollenberger				
Ring	5 6	13,018	5 7	738
Harvey T Bomgardner				
Deedie	6 3	20,547	4 0	828
Adele	5 0	18,708	3 8	714
Dolly	4-2	19,644	4 3	849
Marvin K Meyer & Son				
Iva	6-7	19,990	3 8	751
Ilene	6 1	25,510	3 6	913
Wendy	4 1	22 109	4 0	888
Harold Myer				
168	3 1	20,017	3 9	778
S Mt Echo Dairy Farm				
120	6 3	18 491	3 9	719
Ernest Wagner				
233	5 8	19,583	4 0	781
Dale Hostetter & Sons				
75 B	5 2	22,288	3 3	736
33 B	6 0	23,147	4 0	929
106	4 11	17,492	5 0	881
94 B	4 11	19 652	3 7	732
22 B	4 1	21,595	3 3	716
91	3-11	20,573	3 7	751
88	3 2	22 337	3 3	741
B & K Farms				
32	9 3	20,922	3 8	789
39	8 8	20,461	3 9	795
Prissy	6 0	24,204	4 0	980
Dinah	3 3	23,522	3 6	842
Richard & Ronald Shirk				
Lass	6 5	23,032	3 8	884
Rhoda	6 0	18,008	4 1	733
Grace	5 1	19 550	3 8	742
Luke I Patches				
Radar	6 0	31,056	3 2	982
Ella	5 4	24,468	3 5	868
Sonnen Acres				
Wyn	7 5	19,536	4 3	833
Sign	6 10	23,907	3 5	831
Castle	5 7	24,302	3 4	833
Greer	5 6	19,909	3 8	747
Hum	2 3	16,892	4 5	753
Dennis Wampler				
5	5 1	22 434	3 3	734
Lentzdale Farms				
16	4 8	21,076	4 0	842
37	2 8	18,446	4 0	739
Ray R Sattazahn				
118	3 1	16,863	4 3	718
Twin Maple Farm				
26Fanny	8 1	20,977	3 6	758
21Janet	7 4	17,083	4 4	747
43Nell	6 1	19,304	3 7	723
Irvin Horst				
Tena	9-4	18,530	4 2	781
Bell	3 4	21 227	3 7	788

(Turn to Page D11)



We wish to you and yours
the joy and peace of Christmas.

THE FARMERS NATIONAL BANK OF QUARRYVILLE

Two Convenient Southern Lancaster County Locations
QUARRYVILLE, PA — PENN HILL, PA
An Equal Opportunity Lender
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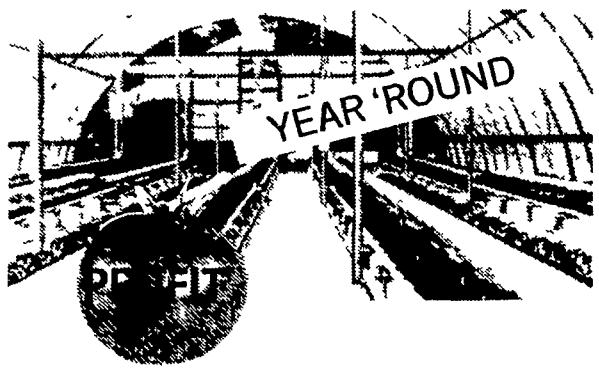
HYDROPONIC FARMING



Here is your opportunity to own and operate a high profit and enjoyable greenhouse business growing tomatoes, lettuce and cucumbers year round!!

Growers are needed in your area to become owner/operators in this fascinating money making business.

We provide complete training and technical assistance. Investments from $12,000-$25,000. Gross annual income $14,000-$22,000.

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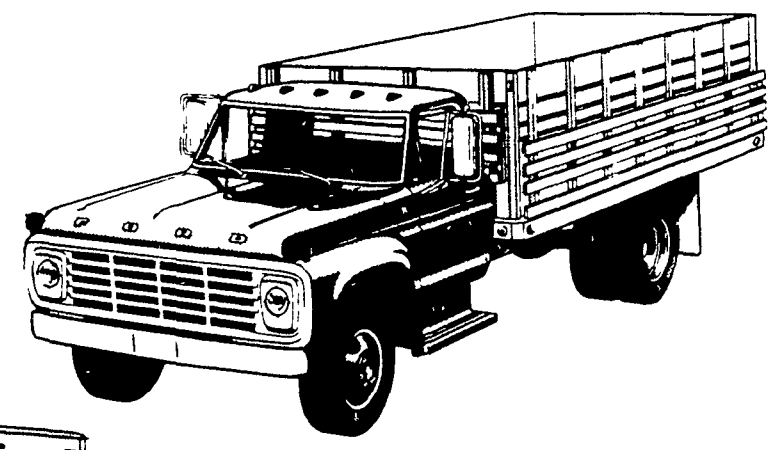
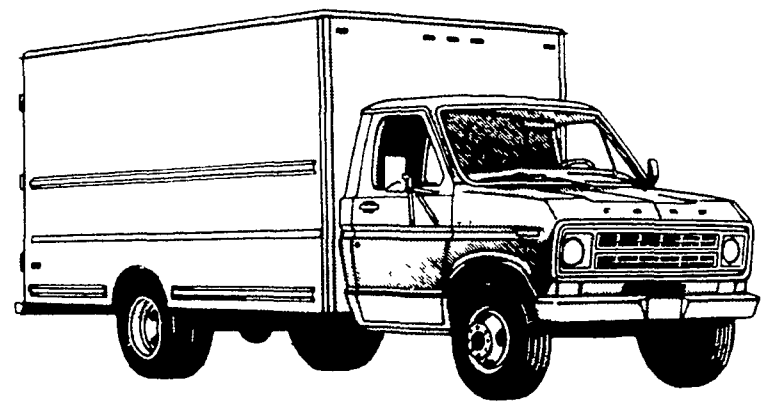
HYGRO PRODUCTION, INC.
EARL CURTIS NICHOLS, PRES.
21 MEADOWS LANE
HAVERFORD, PA 19041

NEED A TRUCK?





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AceRents 720 N Prince St Lancaster, PA 17603 393-1701
Rentals Unlimited 940 Cornwall Road Lebanon PA 17042 272-4658
Rentals Unlimited East Main Street Palmyra, PA 17078 838-5478

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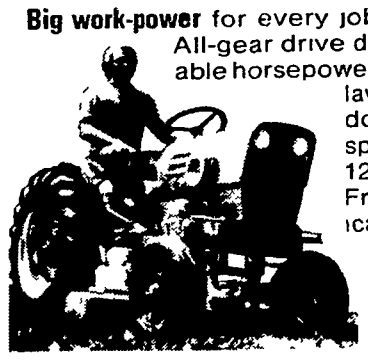
one tough tractor!

Big work-power for every job on your place All-gear drive delivers more usable horsepower, saves gas Mow lawn, plow, till, bulldoze, clear snow, split logs and more 12 14 16, 18 hp Free catalog American-built, your top dollar value Come in, see for yourself



OBERHOLTZER'S

RD #4, Box 260, Fairview Road
Lititz, PA 17543 Phone: 717-733-8506
HOURS:
Mon., Thurs., Fri. 9:00 to 2:00 and 4:00 to 9:00
Tues., Sat. 9:00 to 12:00

Lebanon Co. DHIA

(Continued from Page D10)

Mark H Bomberger & Son				
11	8-5	21,262	3 7	785
38	4 9	21,906	3 8	828
Clyde E Deck				
Y 21	10 1	16,740	4 3	723
72	6 8	17,288	5 1	876
11	4 11	19,516	3 7	715
Mark C Patches				
176	4 2	18,340	4 1	750
212	3 5	20,025	3 9	786
Enos N Leinbach				
Effie	4 9	22,289	3 8	843
Ronald Kelchner				
59	4-8	20,583	3 5	725
36	4 10	17,195	4 3	731
11	3-3	18,096	3 9	707
Norman Kline				
Princes	5 1	23,817	3 7	881
Anita	3 4	18,602	3 8	713
Arthur R Krall & Son				
Gracie	5 1	23,574	3 2	746
Tracy	3 3	19,255	4 0	779
Hershey Bare				
78	8-7	22,004	3 4	753
39	4-10	21,787	3 7	798
Reuben O Martin				
Sherry	7 8	25,040	3 6	911
Helen	6-1	20,574	3 4	703
Lucymae	5 7	17,426	4 1	718
Polly	5-0	22,444	3 6	803
Jewel	4-2	20,350	3 8	768

Kenneth E Ober				
15	5-5	21,707	3 6	775
43	4-9	16,769	4 3	721
Ernest P Detweiler				
Angel	4 6	18,423	4 0	730
Arnold Acres				
Paula	6-3	24,969	3 5	882
Betty	6 5	25,026	3 6	898
Dusty	7-2	21,545	3 6	781
Abigail	4-9	26,807	3 6	960
Pepper	3-3	19,686	3 9	777
Ivan M Weiler				
Candy	8-2	26,644	3 7	985
Lucille	5 4	20,156	3 7	753
Donna	5 3	20,749	4 2	873
Arlene	5 10	25,408	3 5	890
Christian High Jr				
13	9-10	23,221	3 0	700
Walter M Martin				
53	8 2	20,449	3 7	756
Lester Martin				
Patty	9 5	24,587	3 5	865
David H Horning				
13	6 0	18,934	3 9	739
Vincent A Wagner				
Jill	6 4	21,259	3 5	739
Leon H Kline				
Rockess	6 2	23,003	3 8	871
Rocky	4-10	25,944	4 3	1126
Roy E Nolt				
8	9 4	18,702	3 8	709

(Turn to Page D12)

IN STOCK ITEMS ONLY

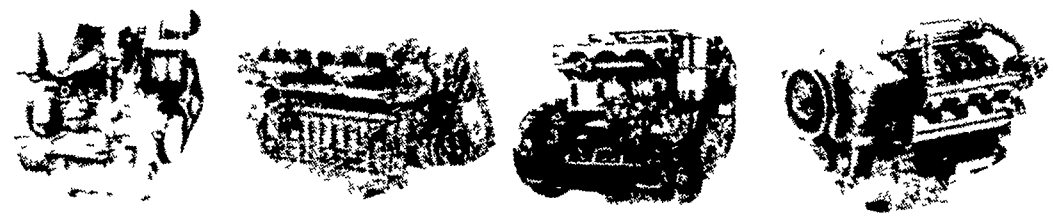
IT'S BARGAIN TIME
Year End Inventory Reduction Sale

OUR LOSS IS YOUR GAIN

VM Diesel

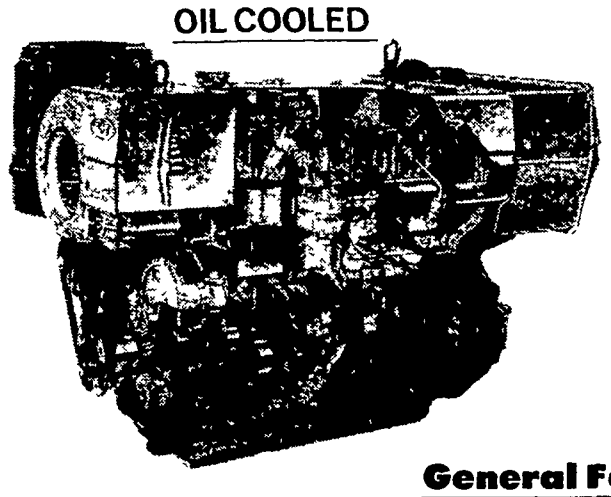
REPOWER With VM DIESEL

Harvesters, Haybines, Tractors, Cornpickers, Balers, Hydraulic Systems, Corn Binders Choppers

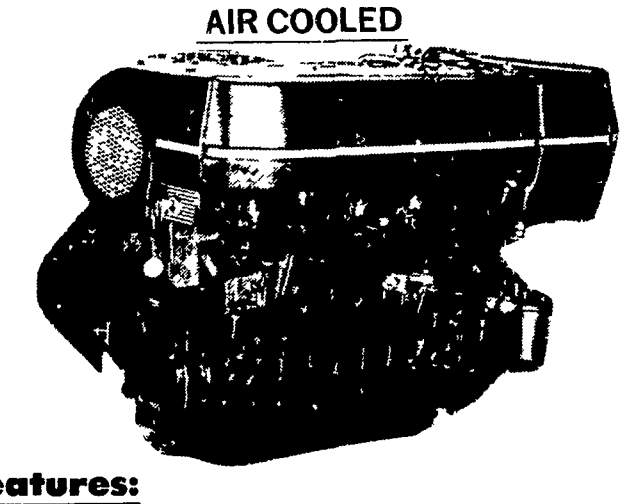


All New HR Series

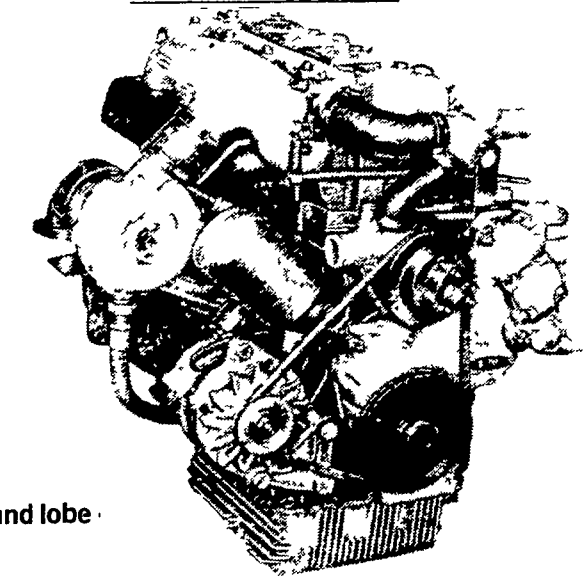
OIL COOLED



AIR COOLED



WATER COOLED



General Features:

- Integrally cast cylinders with inserted and removable wet type cylinder liners
- Light hypereutectic alloy pistons
- Extra-resistant steel connecting rods alloyed with special alloy head bearings
- Surface hardened steel crankshaft
- Drop-forged, casehardened and tempered steel camshaft
- Anti-friction cast-iron tappets alloyed
- Cast-iron tunnel type crankcase
- Rotary injection pump with mechanical governor
- Force-feed lubrication with built-in circuit and lobe type pump
- Diaphragm pump feed
- Oil and fuel filters with integral type element.

Special structure and patented engine with consequent increases in performance and easier operation with low weight/output ratio low smoke emissions.

Engine based on a design "modulus" formula which allows a maximum parts standardization and interchangeability.

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- SR 2 Lister
- SR 3 Lister
- HRS 6 Lister
- 1 Cylidner Deutz
- SV 195 - 14 H P
- 1051 VM, 20 H P

LR 1 LISTER

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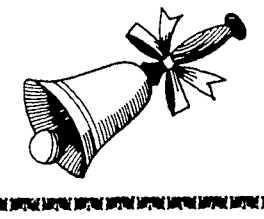

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24 HOUR SERVICE

N.Y.-N.J. milk set at $13.54 for Nov.

NEW YORK, NY — Dairy farmers supplying milk plants regulated under the New York-New Jersey marketing orders during November will be paid on the basis of a uniform price of $13.54 per hundredweight or 29.1 cents per quart.

Market Administrator Thomas A Wilson also stated that the uniform farm price per hundredweight was $13.57 in October 1980 and $12.62 in November 1979 The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund returned $2,289,544 68 or $ 284 per hundreweight to the dairy farmer's uniform price for Novemeber This included $434,015.58 interest earned on the fund The fund was generated by reducing the uniform price during the high-production spring months

The total amount of milk received from the 17,508 dairy farmers supplying the New York-New Jersey Marketing Area was 805,900,370 pounds during November 1980 This was more than 32.3 million pounds above last year The gross value to dairy farmers for milk deliveries was $112,791,989.78

Wilson explained this included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) utilized 380,126,731 pounds of milk for Class I, 47 2 percent of the total. Class I milk is used for fluid milk products such as homogenized, flavored, low test and skim milks For Novemeber 1980, handlers paid $14 32 per hundredweight, or 30 8 cents per quart, for the milk used in Class I products compared with $13 57 a year ago.

The balance of the milk, 52.8 percent, was used to manufacture Class II products including butter, cheese, ice cream and yogurt For this milk the handlers paid $12 58 per hundredweight.

The uniform price is based on milk containing 3 5 percent butterfat. For November 1980, a differential of 17 0 cents was applied to the price for each one-tenth of one percent that the milk tested above or below the 3 5 percent standard.

Lebanon Co. DHIA

(Continued from Page D11)

Bucher Brothers				
49	9-5	19,684	3 8	750
74	4 5	22 613	3 3	735
Cyrus Y Bomberger				
35	6 1	20,547	3 8	772
110	7 1	20 457	4 0	811
145	6 1	17,818	4 0	714
Philhaven Farm				
117	5 6	20 762	3 6	739
78	4 2	19 244	4 4	845
Conewago View Farms				
Leila	8 11	20 492	3 9	790
Ruth	4 1	19 334	3 8	733
Marlin M High				
37	3 6	18,355	3 9	717
Amos Balsbaugh Jr				
8	6 4	21,020	3 7	782
33	3 7	22 360	3 3	737
Marlin D Heisey				
Verta K	4 10	24 842	3 6	905
Paula	5 11	20,995	3 8	799
J Calvin Zimmerman				
86	4 8	16,728	4 2	700
Raymond K Martin				
Thelma	6 3	19 952	3 8	758
Freshie	4 4	15 860	4 4	700
Wilmer S Reiff				
44	4 1	18 364	4 1	747
Hoover Farms No 2				
17	3 4	19 539	3 7	732
32	5 11	17 238	4 5	784
Melvin Krall				
39	4 3	19,115	3 8	718
14	5 1	19,581	3 6	703
Irvin Z Brubaker				
103	4 4	19,690	3 7	738
Clarence G Mase				
Jessie	7 11	23 839	4 3	1019
Dol-Mar Dairy				
53	5 5	17 426	4 2	727
Gary Lee Mase				
Jessie	7 11	24 190	4 3	1034
Hoover Farms				
Bernie	4 3	20 316	3 5	703
Nettie	6 8	19 614	3 9	774
77	3 8	17 828	4 1	730
Franny	6 2	22 099	3 5	771
Kenneth Mase				
Tweety	9 6	21 226	4 3	906
Butter	5 2	17 517	4 8	839
Sara	4 11	19 442	4 7	905
Shirley	5 2	20 494	3 9	791
Jolene	3 9	17,977	4 4	791
Nicole	3 3	20,278	3 9	785
Minnie	1 11	19 067	3 8	732
Eugene Martin				
84	7 3	23 126	3 7	855
Phares Z Musser				
3	3 6	18 061	4 0	722
Wernerway Farm				
53	11 2	21 709	3 8	817
6	12 2	26 129	3 5	909
39	6 8	21 757	3 4	733
45	5 5	20 420	4 0	811
68	4 8	21 522	3 8	823
3	2 2	19 678	3 7	730
Raymon & Marlin Getz				
Yippee	6 9	21,538	4 0	859
Twila	8 5	18,867	4 0	749

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Paying Top Prices For Good Quality Ear Corn

- Wet or Dry
- No Quantity to large or to small
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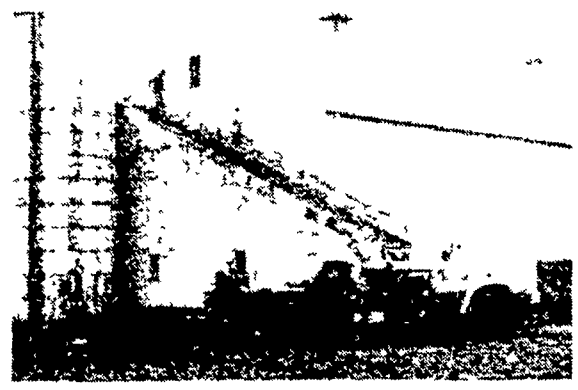


Contact

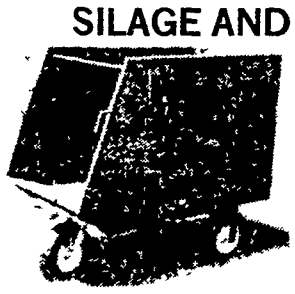
Paul Root Salesman

Seal Crete, Inc.

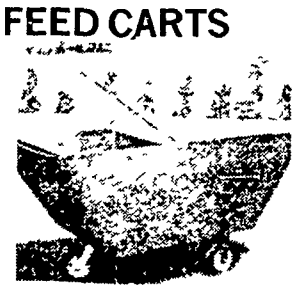
HYDRAULIC AERIAL EQUIPMENT

RD2, Ephrata, PA
717-859-1127

SILAGE AND FEED CARTS



34" Wide, 62" Long, 53" high, capacity (to feed 35 to 40 Cows) 16" Ball Bearing wheels For very easy handling



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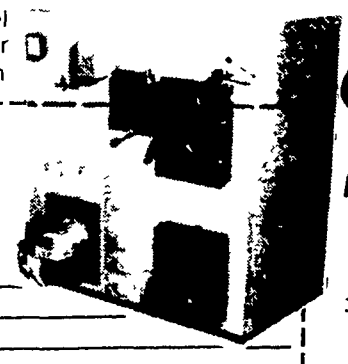
All in all there is no better or less expensive way to keep your family warm Write today for information about HS Tarm heating and hot water insurance for your home

Double firebox model for replacement or new installation



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Single firebox model for installation alongside your present boiler or furnace

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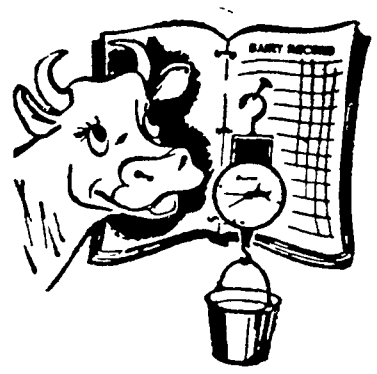

Berks County DHIA

Annual Summary

One Hundred Sixty four herds with an average of five or more cows exceeded an average of 400 pounds of butterfat A complete list of herds follows as well as seven herds which did not reach 400 pounds

OWNER	BREED	NO. COWS	LBS. MILK	LBS FAT
Heindel Farms, Inc	RH	24 0	19,934	775
Cnas & Tim Kissling	RH	62 2	22,182	770
Junge Farms	RH	37 3	18,915	748
Glen High	R&GH	56 5	19,218	735
Stephen J Jones	RH	36 7	21,072	733
Charles Plushanski	RH	96 0	19,204	731
J Hershey Myer	R&GH	45 7	18,551	718
Mertz Brothers	R&GH	42 1	19,182	708
Andrew D Stoltzfus	R&GH	105 8	17,921	695
Harvy M Weaver	R&GH	47 6	18,496	682
Mervin Brubaker	R&GH	67 6	18,276	676
William C Adams	RH	79 7	16,506	672
Geo S Troutman, Jr	R&GH	67 8	19,138	672
Ray E Bicksler	RH	44 4	17,642	671
Mark A Wolfskill	RH	77 4	18,065	667
Linden Loch Holstein	RH	51 1	18,312	666
Harold G Heck	RH	71 8	18,015	660
Harold & Geo Schuler	RH	45 2	17,175	659
Leonard G Stoltzfus	RH	82 6	19,702	658
Leroy E Howard	R&GH	128 2	17,263	655
Norman Z Nolt	RH	36 3	17,727	652
Bendy Brook Farm	RH	45 9	17,767	651
Show Top Farms	RH	133 7	16,787	645
Swatara Dairy Farm	RH	86 6	15,359	643
Donald B Duncan	R&GH	86 1	16,894	642
Roger S Buch	RH	47 8	17,725	642
John C Bartsch	R&GH	51 1	16,947	640
BRB Farm	R&GH	51 7	17,621	638
Harvey C Krill Jr	R&GH	43 3	16,615	637
Kenneth L Stutzman	R&GH	40 8	15,485	632
Roy Hoppes	R&GH	33 1	17,301	631
Retland Farm	RH	47 3	16,906	631
Ralph & Ken Sanner	R&GH	68 2	16,823	627

(Turn to Page D14)

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There will be special plans for senior citizens and every personal checking account holder will receive a free photo I.D. card that can be used for easy identification anywhere.

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Pre-Payment incentives
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Berks Co. DHIA

(Continued from Page D13)

Yost Brothers	R&GH	116 6	18,028	626
William G Howerter	RH	83 1	16,782	625
W Dreibelbis, Jr	R&GH	43 9	17,470	625
Heindel Farms, Inc	RA	27 2	15,058	624
Daniel J Harnish	R&GH	85 5	16,376	621
Robert E Kopfer	R&GH	40 9	18 627	617
Donald Burkholder	GH	82 7	16,625	614
Lynnacres	RH	82 5	16 694	614
Frank G Gromlich	RH	66 0	15,978	612
FM Browns Sons Inc	R&GH	86 8	18,178	612
Larry E Phillips	R&GH	36 6	17,193	611
Ontelynn Acres	R&GH	94 7	15,333	608
Barry L Burkholder	R&GH	46 7	16,192	607
R R Troutman & Sons	RH	110 6	16,426	607
Hylark Farm	RH	78 7	16 040	600
Alton Rohrbach	R&GH	37 0	15 797	599
Mat Mar Farms Inc	R&GH	85 1	16,040	598
Clarence B Kulp	RH	68 7	16,781	597
E D Leatherman	R&GH	68 0	15,397	597
Win Dale Farm	RJ	38 4	11,009	597
Charles W Wagner	R&GH	41 3	15,590	592
Vernon G Good	R&GH	37 3	15,210	590
Larry L Mertz	R&GH	83 5	15,107	589
Marlin J Stutzman	R&GH	47 9	15,054	588
Joseph F Walters	GH	59 0	15,437	588
Robert L Sattazahn	R&GH	100 9	16,237	587
John F Snyder	R&GH	49 1	16,496	586
Ernest C Hoffman	RH	53 8	16,111	586
Jaimore Farm	R&GH	57 2	16 097	586
Zahncroft Farm	RH	47 4	17,625	585
Charles W Lamm	R&GH	94 2	15,695	583
John H Stump	RH	48 1	15,415	583
Steven E Wagner	R&GH	26 3	15 435	582
Robert C Dreisbach	RJ	64 5	12,709	582
Ralph W Haag	GH	42 1	15,004	581
Clarence Sattazahn	R&GH	92 1	16,479	530
Keith E Hertzog	R&GH	42 7	15,797	579
Russell H Haas	GH	50 8	15,264	579
Adin Oberholtzer	R&GH	74 2	15,295	578
Louis E Moyer	RH	48 4	15 436	576
Way Har Farms	R&GH	95 0	16 133	576
Scattered Acres Inc	R&GH	119 9	15,566	574
Eleanor K Siegfried	RH	63 8	15 111	574
Ker Min Farms	RH	73 2	15,057	574
Ernest O Miller	R&GH	184 5	16,357	573
George E Moyer	RH	85 8	14,768	573
Glenn B Gockley	GH	26 9	14,605	572
Ray W Seidel	R&GH	33 6	15,081	570
R B Burkholder	R&GH	42 2	15,095	569
Carl & Forest Stricker	GH	43 8	14,597	569
Charles D Moyer	R&GH	118 2	14,588	569
Robert T Bowman	R&GH	42 4	15,233	564
Earl W Latshaw	R&GH	55 1	15,125	533
David P Herbert	RH	50 2	14 670	532
Pinnacle View Dairy	R&GH	50 7	14,707	532
Reu Hel Farms Inc	RH	79 0	16,902	531
David Y Knauer	R&GH	54 0	13,879	529
Harold Fenstermacher	RH	35 0	13 585	529
Donald Stofflet	R&GH	42 5	15,343	527
James H Adam	R&GH	150 2	13,294	526
Richard W Hoppes	R&GH	58 4	15 142	524
Earl R Hafer	R&GH	97 4	13,954	523
Dale H Wilson	R&GH	67 3	14,250	523
Lester Burkholder	R&GM	80 6	15,128	521
Ken & Debra Dietrich	R&GH	33 3	15,391	521
Pine Brook Farm	RH	93 0	13,846	516
Ronald L O'Neill	GH	41 0	13 110	516
Alfred E Schmidt	RH	52 3	13,684	515
Roy Y Stoltzfus	R&GM	85 3	10,765	515
Daview Farm	RH	42 9	13 716	514
Rodger L Wagner	R&GH	111 9	13,498	513
Arthur D Schlappich	R&GH	56 0	15,063	512
Harry P Shaak	R&GH	97 2	13,973	509
Carl E Hollenbach	RG	50 3	11,243	509
Philip & Tom Werley	R&GH	105 2	14,404	564
Robert Yanos	R&GH	53 7	14,530	561
Kenneth Zook	R&GH	44 1	16,805	561
Raymond A Seidel	RH	36 0	14,214	555
Took A Miracle Farm	R&GH	43 3	15,251	550
Wilmer Dreibelbis	R&GH	51 6	14,821	549
Robert Sittler	R&GH	39 5	15,288	547
Wilson M Balthaser	R&GH	72 4	14 662	547
Vista Grande Farm	RH	87 1	15,084	547
J Merle Stutzman	R&GH	38 7	15,977	545
Teen Chal Farm	R&GH	90 1	14,082	544
Raymond B Nolt	R&GH	74 0	15,121	544
William Mitchell	R&GH	28 4	15,086	544
Irvin G Weaver	GH	47 9	15,008	542
R C & C E Wieder	R&GH	39 5	14 715	540
Irvin M Martin	R&GH	49 2	14,366	539
J Rosenbaum & Son	R&GH	79 8	14,637	538
Donald E Landis	RH	129 6	14,564	537
Blue Mtn Academy	R&GH	111 0	15,899	536
Herb Top Farms	R&GM	26 3	13,431	536
Richard H Hoffman	R&GM	33 7	14,050	535
Donald M Meyers	RH	56 0	14,[illegible]	[illegible]
Mervin M Stauffer	R&GH	36 6	13 817	505
Bruce D Cammauf	R&GH	[illegible]	13,668	504
William W Herbert	R&GH	55 5	14,356	504
O & T Kleinsmith	R&GH	34 6	14,707	504
Thomas Wisser	R&GH	26 9	13,693	504
Luke Snyder	R&GH	37 2	13,785	502
Glenn R Harnish	R&GH	59 3	13,473	499
David L Phillips	RJ	47 2	10 578	498
Daryl & Doris Martin	RA	39 5	12 140	486
Richard L Schrufer	R&GH	34 2	13,156	485
Lynn E Stoudt	R&GH	70 4	14,141	484
Elam G Hoover	R&GH	80 9	13,106	483
Clarence E Kreider	R&GH	73 5	12,421	483
Harry A Lutz	GH	26 8	11,855	481
Calvin Zerbe	R&GH	35 6	12,773	480
Luke H Kurtz	R&GM	32 7	13,102	480
Ro Ria Farms	R&GH	271 6	12,139	475
John R Lash	R&GH	48 8	12,662	474
Ernest E Heckman	R&GH	49 5	12,684	469
George Stein	R&GH	84 5	13,303	467
Charles Zimmerman	RH	96 5	12,458	459
Stanley Deisemann	GH	36 7	11 283	454
W Dreibelbis & Sons	RG	44 1	9,635	452
Konrad E Weniger	RJ	41 1	8,721	449
Neil W Stoudt	R&GH	33 6	12,574	447
Harold L Miller	R&GM	54 9	13 462	442
Springhouse Farm	R&GJ	51 3	8,687	437
Bell Acres	GH	25 6	11,551	434
Carl Zettlemoyer	GH	66 8	11,006	429
Marvin W Waid	R&GJ	29 2	9,211	427
Lester Heyer	R&GM	54 6	11,034	417
Luke & Mary Martin	GH	53 0	11,403	408
Leon H Berndt	R&GH	62 6	10,608	407
Harold N Miller	R&GH	39 5	11,293	405
John W Crossley	GH	163 5	9,626	404
Ralph & John Blatt	R&GH	90 3	10 434	393
Mirl Carl Farms	R&GH	334 3	10,357	389
David Clare	R&GG	33 0	9,008	381
James G Delong	R&GG	65 0	7 202	347
Melvin Stauffer	R&GH	45 7	9 414	346
Samuel G Yoder	R&GM	64 7	8,492	315
Claire M Day	R&GO	43 3	1,221	45

The high 25 cows in fat production at the close of the Association year, September 1980

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS MILK	LBS FAT
Andrew D Stoltzfus					
Marjory	H	5 4	305	26,338	1244
Charles Plushanski					
Faith	H	10 9	305	26,517	1230
Blossom	H	3 2	305	27,696	1164
Andrew D Stoltzfus					
Prilly	H	5 4	305	25 110	1134
Suella	H	5 2	305	29,420	1087
Royal	H	4 5	305	24,264	1068
Mervin Brubaker					
Ginda 16	H	6 0	305	24 580	1065

(Turn to Page D15)

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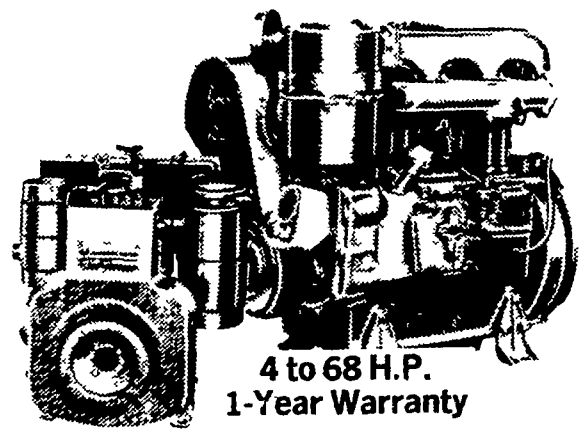

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Berks Co. DHIA

(Continued from Page D14)

Ray E Bicksler Ruby	H	5 5	305	24,615	1063
Heindel Farms Inc Lee	H	5 1	305	24,489	1049
Junge Farms Gina	H	4 2	305	21 513	1034
Roberta	H	6 11	305	25 633	1031
Louis E Moyer Betsy Jo	H	6-1	305	23 296	1031
Robert E Kopfer #8	H	7 6	305	26 014	1022
Andrew D Stoltzfus Ruth	H	7-0	305	24,670	1022
Marless	H	10-1	305	29 284	1020
Junge Farms Lorrie	H	4 8	305	25 479	1012
Ray E Bicksler Tammy	H	6 9	305	23,505	1011
George S Troutman Jr Redrose	H	7 10	305	25 598	1010
Andrew D Stoltzfus Bee	H	4 9	305	21 850	1006
Leroy E Howard Bowtie	H	5 0	305	26,327	1005
Glen High #23	H	6 0	305	22,275	1005
John H Stump Lucy	H	8 3	305	24 736	1002
Charles & Tim Kissling Nickie	H	5 11	305	25 631	999
Charles Plushanski Future	H	3 4	305	21,427	995
Charles & Tim Kissling Clara	H	7 1	305	26,672	993

The high 25 cows in milk production at the close of the Association year September 1980

OWNER NAME OR NO	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS FAT
F M Browns Sons Inc #61	H	7-20	305	20,332	968
#23	H	5 1	305	30,238	865
Andrew D Stoltzfus Suella	H	5 2	305	29,420	1087
Marless	H	10 1	305	29,284	1020
Leonard G Stoltzfus Dixie	H	4-3	305	28,844	721
Larry E Phillips #255	H	5 8	305	28 447	962
Harold G Heck Elaine	H	5-2	305	28,074	896
Charles Plushanski Marylin	H	5 3	305	27 921	862
Blossom	H	3 2	305	27 696	1164
Junge Farms Nan Hua	H	4 7	305	27 549	876
Mark A Wolfskill Patsy	H	7 1	305	27,116	801
Clarence C Sattazahn 084Marg	H	9 3	305	26,696	964
Charles & Tim Kissling Clara	H	7 1	305	26,672	993
George S Troutman, Jr Julie	H	8-9	305	26,555	846
Junge Farms Isolde	H	5 8	305	26,546	966
Charles Plushanski Faith	H	10-9	305	26,517	1230
Andrew D Stoltzfus Marjory	H	5-4	305	26,338	1244
Leroy E Howard Bowtie	H	5-0	305	26,327	1005
Charles Plushanski Smokey	H	3-8	305	26,178	773
Stephen J Janos Boots	H	4-3	305	26,149	804
Charles Plushanski Carrie	H	3-1	305	26,133	848
Robert E Kopfer #8	H	7 6	305	26,014	1022
Glen High Beauty	H	3-11	305	25,920	850
Daniel J Harnish Norma	H	6-2	305	25,916	900
John F Snyder Becky	H	7 10	305	25,901	741

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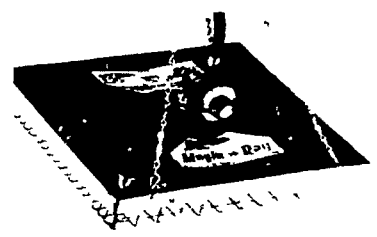

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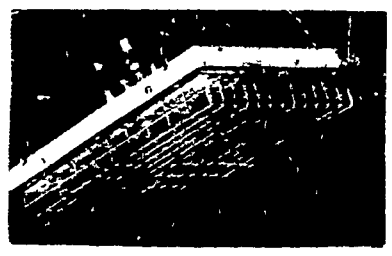

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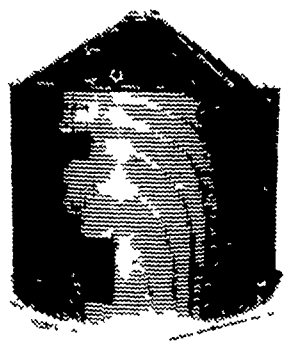

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18	4239	$2931	238	$ 4913	860	$ 6099	1440	$ 7776
21	5843	3383	400	5658	1340	6911	2064	8691
24	7724	4066	442	6316	1740	8080	2385	9559
27	9901	4701	588	7306	2394	9172	3600	10629
30	12372	5376	612	8125	3125	10078	4600	11600
33	15152	5817	735	9003	3415	11087	5160	12846
36	18247	7451	760	10566	4050	12757	6280	14090

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How to treat non-milking sows

LANCASTER — When baby pigs are weak, herd managers often conclude they were born that way. But it could be that they aren't getting enough milk.

More often than not they're getting some, but not what they need for proper growth and vigor When this happens, the real reason could be a lactation problem in the sow.

Sows and gilts that stop milking during the very early stages of lactation cause the swine manager real headaches About 13 percent of a breeding herd may do this during a farrowing period. Their disease is call MMA (mastitis, metritis, agalactia).

Signs of the disease aren't limited to milk loss or decline, says University of Delaware extension livestock specialist Richard Fowler. Affected animals exhibit loss of appetite, fast breathing, fever. slowness in moving about, low feces output and hard feces Restlessness in their offspring may indicate hunger.

Discharge from the reproduction tract is not an indication of the disease, since many sows exhibit this without any effect on milk production.

The mammary glands of affected animals are fequently enlarged, firm and hot. These symptoms may involve part or all of a sow's udder

Normal lactation depends on a sequence of events, beginning with the production and release of several hormones. Anything that changes the production and release of these hormones will interfere with milk supply

Environmental stress, poor nutrition and/or bacteria can interrupt milk production.

Stressful situations that can cause milk problems include overfeeding prior to farrowing, penning gilts in a farrowing crate for the first time, high environmental temperature, and use of a new farrowing unit for the first time.

Three days before farrowing, the sow or gilt should be fed a laxative diet aimed at keeping her hungry, says Fowler, though it's hard to find a sow that's not hungry under any circumstances

The amount of feed given should be limited to about four pounds. With thin sows or in cold weather you may increase the ration by one or two pounds. Feed one tablespoon of epsom salts at the time the sow is put in the farrowing crate.

Maintain a laxative diet by feeding one pound of bran daily along with the regular ration.

Gilts that are placed in farrowing crates for the first time undergo stress, especially if they've been in an outside gestation lot. To settle them in their new environment, pen gilts in the evening and then feed them Sows and gilts going into new facilities should have four or five days to adjust before farrowing. Avoid fighting a sow to get her into the crate

Genetics may play a role in the incidence of MMA, says Fowler Individuals and lines of pigs that are susceptible to stress seem to have more milking problems Retain sows that are good mothers and cull those that are nervous and poor-milking. The sow or gilt that gets MMA may or may not get it again The cause of the disease will have a definite effect on its recurrence.

Early treatment is usually effective. Oxytocin injection is the preferred treatment Injections can be given every two to four hours (In cases where the mammary glands become non-functional, these injections will have no effect)

In addition, large doses of antibiotic help to reduce the potential for bacterial infections.

Preventing MMA is the key to improving weaning averages. Look for ways to reduce stress. Preventing high noise levels and unnecessary schedule changes may help. Avoid high temperatures around the sow

Her comfort zone is 65 to 70 degrees F. Baby pigs require temperatures 20 to 25 degrees higher.

Careful placement of zone heaters for them can keep the sow from getting overheated.

Gestation feeding must be regulated according to sow condition

Avoid overfeeding or underfeeding MMA can be controlled through good management

Hay and straw directory available free

ANNAPOLIS, Md. — The latest edition of the Maryland Department of Agriculture's Hay and Straw Directory is now off the press and available free to anyone interested in on-farm sources of hay and straw for livestock, landscaping, gardening and construction uses.

According to MDA marketing specialist Brad Powers who compiled the directory, there is a wide range of farmers with various types of hay and straw for sale Price is not listed as this is a matter between buyer and seller

If you would like a copy visit the nearest Maryland County Extension Service office or send a postcard with your name and complete mailing address to Maryland Department of Agriculture, "Hay & Straw," Parole Plaza Office Building, Annapolis, MD 21401

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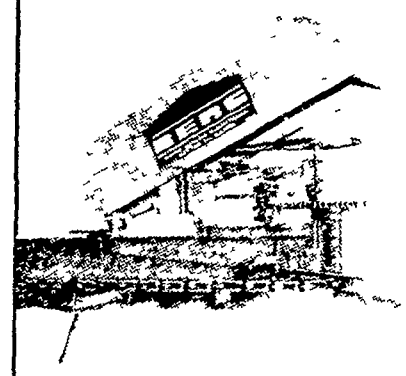

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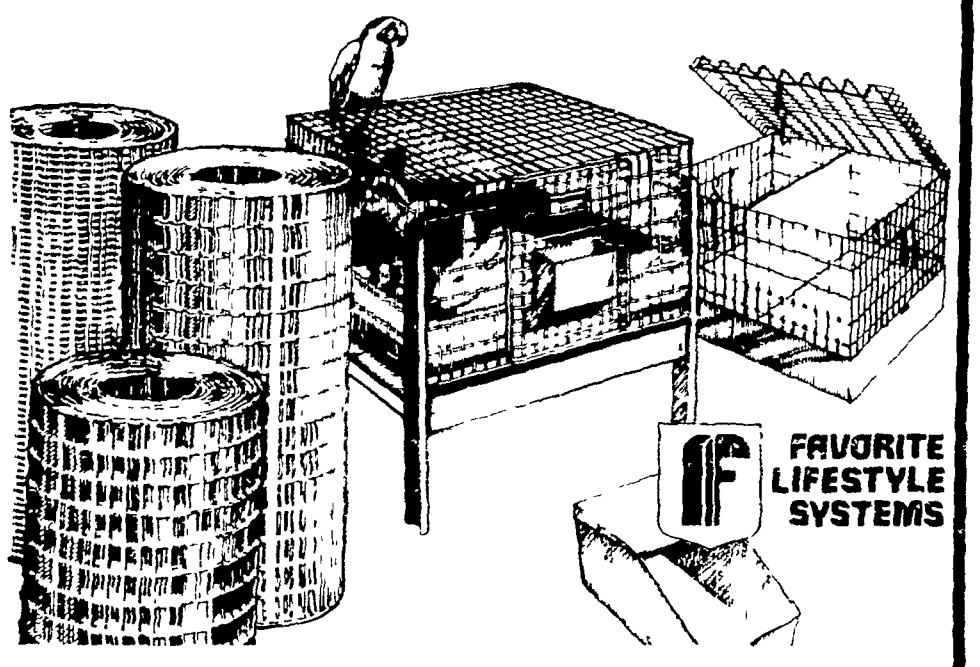

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Rural preservation efforts continue in New Jersey

FLEMINGTON, N.J. — Study continues on Hunterdon's rural preservation program as proposed by the Freeholder-appointed task force.

Buoyed by the two to one affirmative vote on the agricultural preservation referendum in early November, the Board of Chosen Freeholders extended the task force's life for an additional month, requesting the 12-member body to develop guidelines for implementing the program.

The group, chaired by Julia Allen, avid proponent of rural preservation in her own Readington Township, as well as, the state, recognized all too well the scope of the work to be done and requested more time.

The freeholders responded by resolution extending the term of the task force for six months. The job ahead involves the development of "detailed guidelines for the operation of the county's rural preservation program." It means taking those four general proposals and getting down to specifics.

Just how will they be implemented?

Julia Allen is proposing to her group on further research and study on the four elements: agricultural districting, easement donations, assistance to municipalities, and easement purchases.

She will suggest subcommittees be assigned to study each in more depth, answering some of the questions being raised, and proposing guidelines for implementation.

Professional assistance has been offered the task force by Sam Hamill, Executive Director of the Middlesex-Somerset-Mercer Regional Study Council. Ms. Linda Bentz, Associate Director of M-S-M, will be meeting with the task force and its sub-committees.

She will be doing some of the much needed research and pulling together data for the group She has been very active with the state's farmland preservation study. M-S-M staff served as consultants to the State Departments of Agriculture/Environmental Protection in developing their program: "Grassroots ... an agricultural retention and development program for New Jersey."

The county task force will keep its eye on the state program, which has recently been presented to the Governor and the Joint Legislative Oversight Committee.

As Julia Allen put it, "we'd like our efforts to be in concert as much as possible with the state program."

John VanZandt, Coordinator for the state program has been keeping us abreast of the prgress at state level.

So, it is hoped that the state and county programs will complement each other.

Also of interest, the County Planning Board will soon be working on the agricultural element of its master plan. They, too, will consider county and state progress toward strong rural/agricultural preservation programs.

Much is to be done these next six months. Mrs Allen suggests this to be an excellent time for inputs from the community. Farmers. land-owners, all county residents, should bring their ideas and suggestions to the attention of task force members.

It's an important part of the whole process .. a process that hopefully will result in an equitable program that moves toward the goal of retaining our farmland resources and related features and qualities of our countryside for the years ahead.

Written suggestions may be sent to the Rural Preservation Task Force, County Administration Bldg., Main Street, Flemington, NJ 08822.

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Hungry birds cost farmers millions in damage

UNIVERSITY PARK — Hungry birds annually are destroying between $11 million and $21 million worth of Pennsylvania's agricultural crops, or three to six percent of crop farmers' net income

So conclude Penn State researchers who have done a massive survey of farmers, county extension directors and district game protectors in 64 of the state's 67 counties

"What's happening," says John L. George, professor of wildlife management, "is that blackbirds, particularly the 'common grackle' and, to a lesser degress, the 'cowbird' and 'red winged' varieties, are feeding on crops, in flocks sometimes 100,000 strong, rarely reaching 1,000,000.

"Our survey shows that blackbirds, as well as starlings and crows, are doing significant damage to many grains and vegetables. Moreover, it seems that blackbirds and starlings are only second to robins in destruction of cherries, blueberries and strawberries; and compete with and sometimes surpass robins in eating of grapes, apples and other fruits"

Seeking a solution to a growing nationwide pest problem, a team led by George surveyed 4500 or 12 percent of the state's largest commercial farms (with an average of 135 acres in crops)

Tallying 2413 usuable responses and extrapolating to all Pennsylvania farms, they determined that

Ripening grain crops are sustaining the heaviest damage, followed by fruit and livestock feedlots.

While, bushel-wise, the greatest losses are, respectively, in field corn, oats, sweet corn, grapes, cherries and apples, fruit farmers, especially grape growers, are losing the most on an individual basis–up to $5000 an acre Cherry and apple growers also are suffering significantly.

Overall, 5.7 percent of farms are sustaining "serious" losses (over 20 percent); 16.7 percent "moderate" losses (six to 20 percent); and 27 7 percent "slight" losses.

Damage to field corn, while heavy, is not economically significant. In 1979, birds destroyed an estimated 630,000 bushels worth $1.4 million; but this comprises only half-a-percent of Pennsylvania's field corn crop. While some farms may sustain severe losses, far more field corn is lost overall to mechanical pickers and combines than to birds

Grain damage occurs statewide, but most fruit loss is in the Southeast and in Erie County. The main livestock feedlot damage also occurs primarily in the Southeast, mostly in the winter when the ground is snow-covered–because several million birds, mainly blackbirds and some starlings–roost there instead of migrating south

Most crop damage is being done by blackbirds, starlings and robins. But these birds also benefit farmers throughout most of the year by eating large numbers of the insects which devour crops or affect livestock.

Disease transmission may be growing problem in Pennsylvania. Diseases of hogs, chickens and humans may be spread or caused by birds, and this issue should be studied

The possibility of successful pest control varies with the crop and bird species, for economic and other reasons

These are the major conclusions of a final report submitted in September to the researchers' sponsor, the Pennsylvania Department of Agriculture.

George and his colleagues--R.G. Wingard, professor of wildlife management, J S. Wakeley, associate professor of wildlife ecology; and R C. Mitchell, a research assistant, maintain that there are no easy ways to deal with the situation.

"While bird damage to agriculture is an age-old problem," George says, "today's realities require diverse and perhaps innovative solutions For example, not only are pest control measures expensive but often the only truly effective long-term answer–killing the birds--is dangerous or often offensive to people, or requires special permission"

Significantly, he continues, the blackbird phenomenon is fast emerging as a central pest control issue For in Pennsylvania and elsewhere, blackbird numbers have soared to a current population in the hundreds of millions.

Today, George says blackbirds have replaced starlings as the chief agricultural bird pest. Not only do they outnumber starlings, but some are

(Turn to Page D19)

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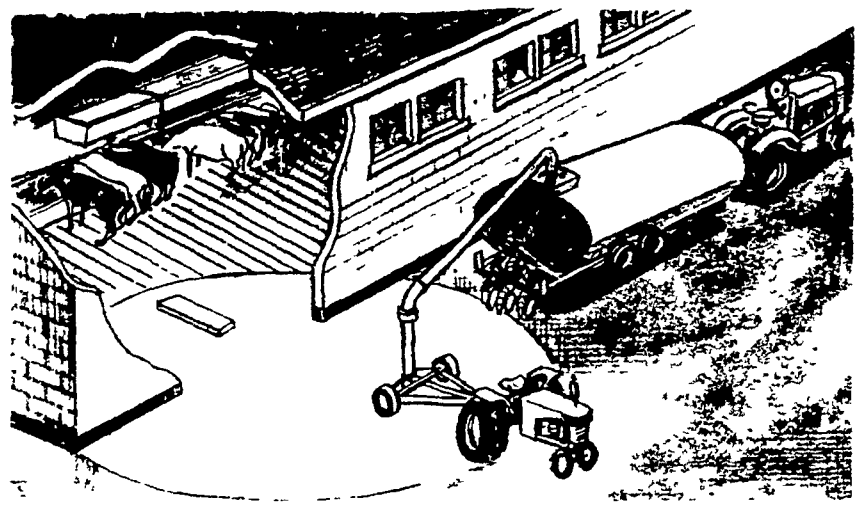

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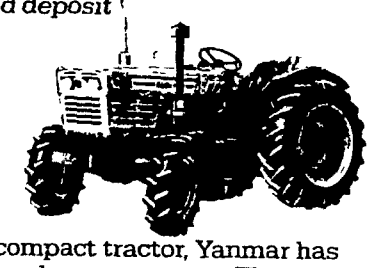

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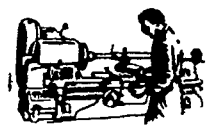

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U.S.-Japan issue joint ag statement

WASHINGTON, D.C. Delegations from the United States and Japan issued the following joint statement Wednesday after completing routing consultations here on the agricultural supply and demand situation:

"The second round of Japan-U.S. talks on agricultural products was held in Washington December 9 and 10, to exchange information on the supply-demand situation in agricultural products as specified in paragraph 19 of the Japan-U.S. Joint Communique of May 2, 1979. The first round took place in Tokyo in November 1979.

"The delegation exchanged views and information primarily on wheat, feed grains, soybeans and rice.

"The U.S. delegation was headed by Dale E. Hathaway, under secretary for international affairs and commodity programs, U.S. Department of Agriculture. The head of the Japanese delegation was Akira Matsuura, director-general of the economic affairs bureau, Ministry of Agriculture, Forestry and Fisheries.

"The U.S. side elaborated the current domestic and global supply/demand situation and U.S. export outlook in wheat, feed grains, soybeans and rice and in this connection the U.S. side also explained its agricultural policies.

"The Japanese side explained the domestic supply/demand situation in wheat, feed grains, soybeans and rice and the future import outlook for these products.

"In this connection, the Japanese side also explained the guidelines for their agricultural policies in the 1980's and the long-term outlook for the demand and production of agricultural products.

"Bearing in mind the changes in the global demand/supply situation in grains and soybeans, the Japanese requested the U.S. to continue the stable supply of wheat, feed grains and soybeans to Japan so as to meet its demand next year. In this regard, the U.S. side said that it would cooperate closely in line with the Japan-U.S. Joint Communique of 1979 to ensure that Japan's import needs are met.

"Furthermore, responding to a Japanese inquiry, the U.S. side explained the basic policy and implementation of its long-term grain agreements with third countries.

"Both delegations, recognizing the successful outcome of the talks, expressed their views that it would be desirable to hold the next talks at an appropriate time, giving consideration to the demand/supply situation of grains and soybeans."

Birds

(Continued from Page D18)

larger and stronger and require more food. Also some varieties, such as the grackle, have bigger beaks, enabling them to crack and eat corn kernels, a crop starlings leave along.

The Penn State researchers found that, except for blueberry growers, more than 55 percent of the farmers reporting crop damage do not use any pest control technique–usually because of cost and time constraints.

Among the other 45 percent of respondents, 20 percent reported shooting birds. The rest rely on a variety of methods, which vary with crop and bird type.

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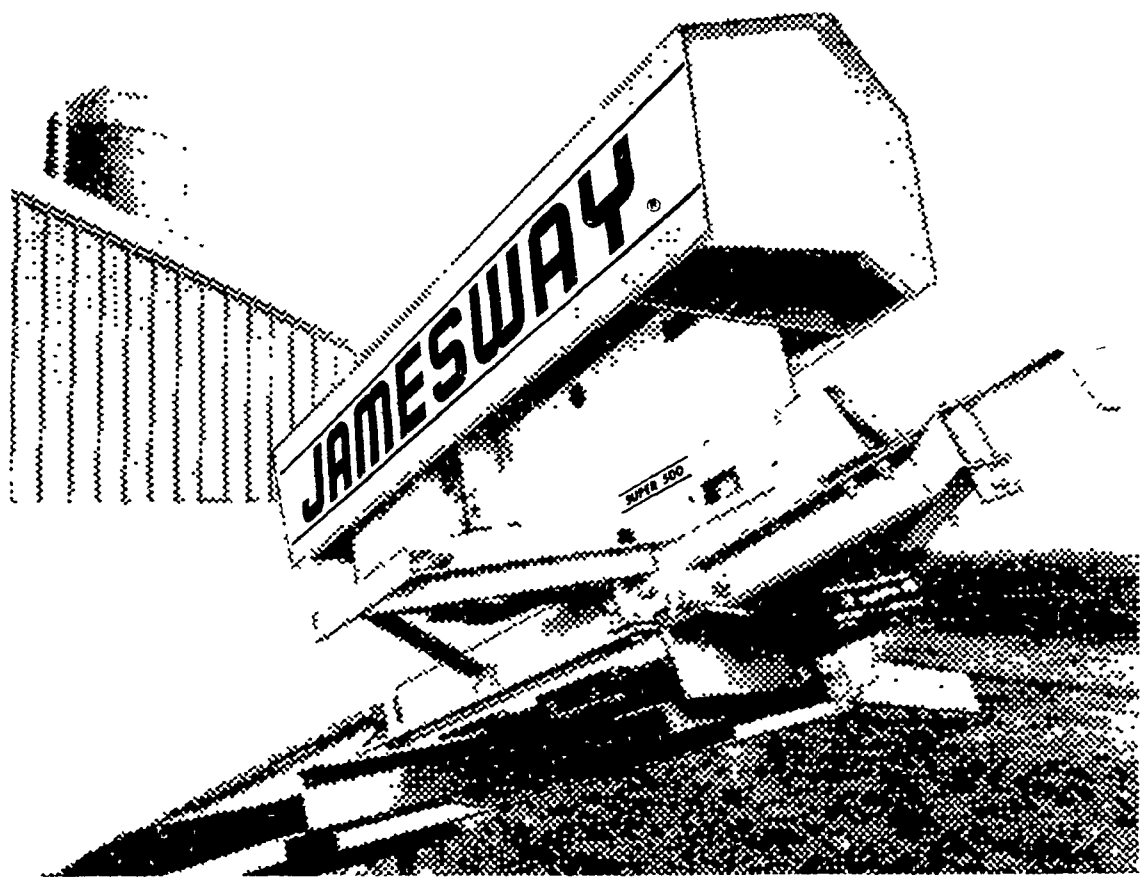

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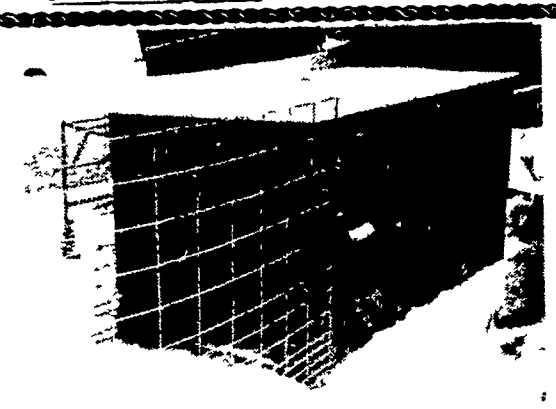

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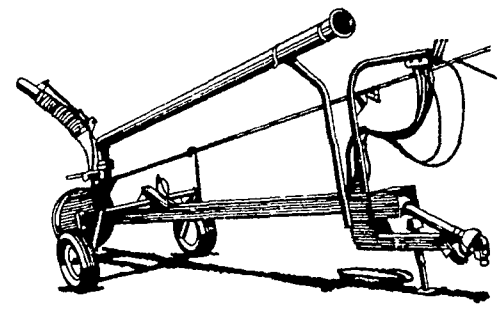

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What it says — and doesn't say

Taking apart the CNI proposal

BY CURT HARLER

LITITZ — The so-called CNI Proposal, like many other complex issues in the dairy industry, is hotly discussed but often understood only on the surface.

The U.S. Department of Agriculture is asking farmers and other interested parties to comment on the proposal. Letters to the Deputy Administrator, Marketing Program Operations, USDA, Washington DC 20250 are welcomed until January 2, 1981

But just what is this "CNI Proposal?" Does it really seek to kill federal milk orders? Will it cost dairymen, and if so, how much?

Order 4 Market Administrator Joseph D. Shine sums up the issue this way

"The proposal, which was submitted to the Department of Agriculture by the Community Nutrition Institute, a fluid milk processor, and three individual consumers, would remove commercially reconstituted milk from the Class I pricing provisions of the orders."

Shine's last dozen words tell the story in brief. But the impact of CNI goes much further.

Specifically, petitioners have proposed that all orders be amended to remove reconstituted milk products from the definition of "other source milk" for the purpose of eliminating the "down allocation" of milk ingredients used in such products

It also would eliminate requirements that processors of reconstituted milk products make a "compensatory payment" on such products assigned to Class I

Most farmers know Class I milk usually brings the highest payment, followed by Class II and in some orders, Class III. Payment is based on milk use

Reconstituted milk made from powder is paid for at the lower-valued uses of the handler This is "down allocation"

If the handler does not have sufficient Class II or Class III utilization in his plant to cover the quantity of reconstituted milk, the remaider is assigned to Class I. But, the handler is required to make a "compensatory payment" with respect to the quantity assigned to Class I. That payment is equal to the difference between the Order's Class I and Class II prices and goes to the producers in the Federal Order.

The CNI proposes to eliminate reconstituted milk products from the down allocation and compensatory payment provisions of federal milk marketing orders that make their use uneconomical.

The effect of the proposal would be that of reclassifying reconstituted milk in the lowest-valued class

Reconstituted milk then could be acquired at a cost equal to the manufacturing price plus the cost of processing milk into nonfat dry milk and butter and reconstitution

CNI does not propose to change Class I prices for fresh fluid milk However, reclassifying reconstituted milk would give a price advantage to reconstituted milk in most areas of the country

This is because fresh fluid milk prices would be based on Class I prices, while reconstituted milk would be based on cost of reconstituted ingredients

Because of its price advantage, USDA economists see reconstituted milk being more favorably priced everywhere in the country except for the Southeast.

Reconstituted milk could account for up to 38 percent of fluid milk consumption

In the Northeast, the price for milk would drop somewhere between six percent and 6.5 percent, the economists say. That's well above the U S. average of about four percent.

What's the logic from CNI behind all of this?

CNI has several arguments against the current system.

It says current regulations on reconstituted milk eliminate a nutritious, but lower cost, alternative to fluid milk That, CNI says, increases food prices, especially for the poor, by adding millions of dollars to the nation's food bill.

CNI says the regulations are "Unnecessary to protect milk producers."

The group says the regulations as now written are contrary to the Ag Marketing Agreement Act policy to protect against unreasonable fluctuations in supplies and prices

CNI doesn't like having a barrier to marketing of nonfat dry milk. It says the

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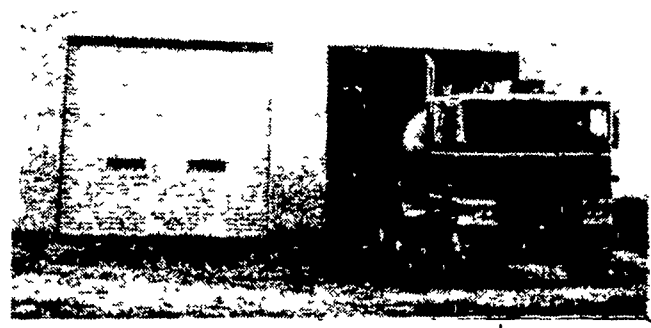

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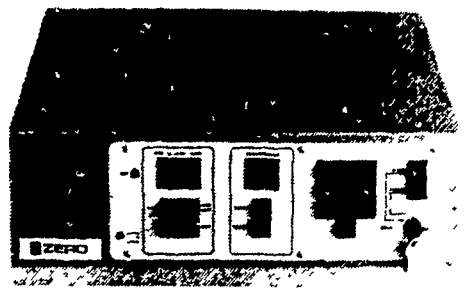

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CNI proposal

(Continued from Page D20)

regulations extend beyond the authority of the Secretary of Agriculture to regulate the price of milk substitutes.

Their arguments pack a lot of punch in the current dairy economy where milk prices have far outstriped demand for milk and are being kept high artificially by government supports.

The Commodity Credit Corporation currently is sitting on mountains of milk powder which it must purchase to keep milk prices high.

CNI states it less kindly "Present Class I price levels are inflationary, cause consumer rebellion, and are detrimental to the producers whom the Orders are supposed to protect."

Three alternatives face USDA in its decision.

The first would be to continue current policy without a change in the Orders Most dairy groups and farmer organizations have urged members to support this route.

The second would be to adopt the CNI proposal. This would eliminate the down allocation and compensatory payments now required when handlers use milk reconstituted for fluid use

In effect, the milk so used would be in a lower price class. But only products made from nonfat dry milk would be reclassified.

The all milk price would be about 12 cents per cwt lower nationally with a range from 64 cents lower in the Southeast to unchanged in the Southwest

Government expenditures would be reduced about $55 million, or 15 percent, compared to the farmers' loss of cash farm receipts of between 1.3 and 5.7 percent depending on location. In this area the estimated loss would be 2.1 percent.

Consumers would save about $55 million, or one-half of one percent of their expenditures.

Taste tests conducted in many parts of the country show the consumer would not notice the taste difference between the fresh and reconstituted product.

After three years under the CNI proposal, milk production would be down 775 million pounds nationally, while consumption would be up 423 million pounds, USDA economists say.

(Turn to Page D22)

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Rain interferes with South American crops

WASHINGTON, D.C. — Heavy rains in some parts of South America have delayed sowing activity and may necessitate replanting of certain crops in parts of Brazil, according to a weekly report issued Monday by the Joint Agricultural Weather facility of the U S. Departments of Commerce and Agriculture Snow in the Soviet Union, and parts of Europe and the United States moderated cold weather's effect on winter grains.

Highlights of the report follow.

United States. More than three inches of snow cover probably saved Montana wheat from winterkill last week as extreme cold hit the northern Great Plains.

Warmer weather to the south spurred wheat growth in Oklahoma and Texas Much of the Wheat and Corn Belts received beneficial precipitation, but some areas in the western Wheat Belt remained very dry

South America. Locally heavy showers in Brazil may force some replanting of maize and soybeans.

Soybean plantings are nearly completed in Parana, however, further sowing delays have occurred in Rio Grande do Sul due to excessive wetness

Rains in Argentina benefited maize in Cordoba and Santa Fe, but interfered with wheat harvesting in the north.

Western USSR. Above-normal precipitation fell mostly as snow over the winter grain belt as temperatures dropped from the previous week. Snow depths increased in much of the central and western Ukraine.

The snow moderated the effects of cold temperatures, but a continued pattern of freezing and thawing of very wet soil in the southeastern areas prolongs the possibility of frost heaving damage.

Europe. Snow in the east last week gave winter grains needed protection as temperatures dipped much below normal By week's end, most agricultural areas of Eastern Europe had snow cover.

South Africa. Continued shower activity in the Maize Triangle last week further improved soil moisture conditions and stimulated sowing activities Yield prospects should not suffer from the crop season's delayed start

Eastern Asia. Seasonally normal, light precipitation occurred last week over parts of the North China Plain as temperatures turned colder, curtailing winter grain growth in the northern half of the area

South Asia. Light showers helped parched winter grains in India's Madhya Pradesh The lack of precipitation in northern winter grains areas was normal for this time of year

Australia. Southern parts of Australia's wheat belt received little rain last week providing favorable weather for the wheat harvest

Northwestern africa. Crops in Tunisia and eastern Algeria remained in good condition last week, aided by above-normal rains.

In Morocco, soil moisture remains adequate despite a third week of dry weather

Conditions in western Algeria remained too dry for winter grain germination and growth.

Mexico. Showers in northeastern Sinaloa did not significantly increase below-normal reservoir levels last week. Sunny, mild weather prevailed over most major agricultural areas and favored the harvest of many crops, especially corn in the Southern Plateau

CNI proposal

(Continued from Page D21)

To complicate matters, there's a third alternative proposed by a group of Wisconsin handlers.

This proposal, sponsored by six Wisconsin dealers, calls for an 81 cent per cwt reduction of Class I differentials.

It would directly reduce the price advantage reconstituted milk has over fresh fluid milk.

This proposal would reduce the potential price advantage for a half gallon of reconstituted milk from 6 6 cents to three cents in the Northeast.

Under this proposal, the average fluid milk price in the U.S. would drop by more than one dollar in six months, but there would be no further declines expected in the next three years.

The potential decline in the average all-milk price would be offet by increasing the support price by 38 cents after six months, 40 cents after 18 months, and 46 cents after 36 months

This would mean increased milk prices for farmers in the Wisconsin area, including the Corn Belt, Lake States, and the Great Plains

But farmers in the Northeast probably would lost about 2 2 percent on their milk checks Farmers in the Southeast could lose as much as 8.6 percent of their milk price.

USDA concedes the options considered would lead to reductions in milk production and smaller government expenditures to support milk prices.

Results for both the CNI and Wisconsin proposals could save the government almost a quarter of a billion dollars per year.

Consumers would pay less for, and probably use more, milk.

Because dairy herd size varies so much, economists say they had trouble predicting effects on individual farmers.

The decline in gross farm receipts for the average herd with fewer than 30 cows could range from $147 to over $1000 in the Northeast depending on efficiency.

This is a gross farm sales figure and does not include savings in feed and other imputs which would result from lower production.

The CNI idea faces direct legal challenges in several states which outlaw use of recombined milk Those states include West Virginia, Tennesee, South Carolina, New Hampshire, Massachusetts, Idaho, and Alabama

Pennsylvania does regulate prices of recombined milk on a state level It also has specific labeling requirements for recombined milk.

The hearing process has begun. For farmers in the area, January 2 is the deadline to offer comment or support for one side or the other.

The results of USDA's decision in the CNI Proposal case, one way or the other, will be felt in milk checks for years.

Merry Christmas to All!

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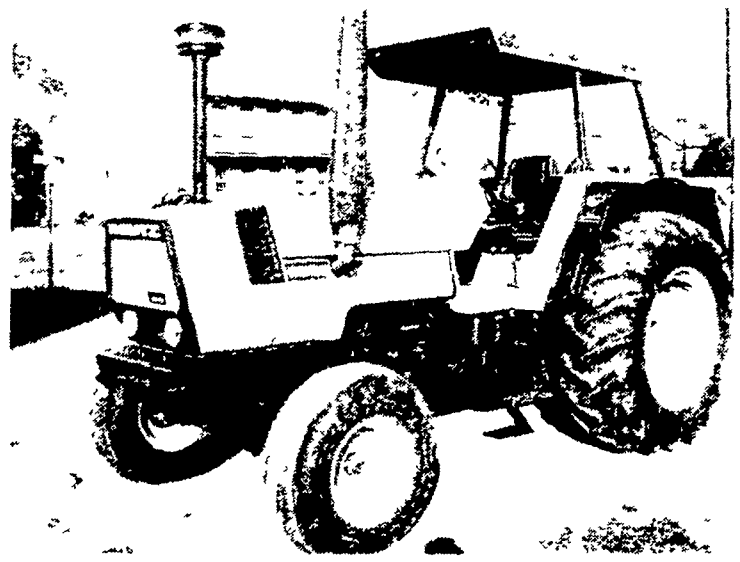

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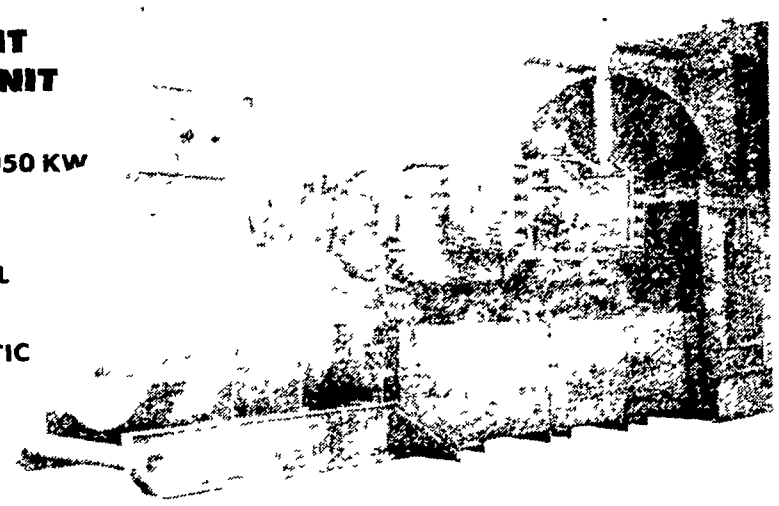

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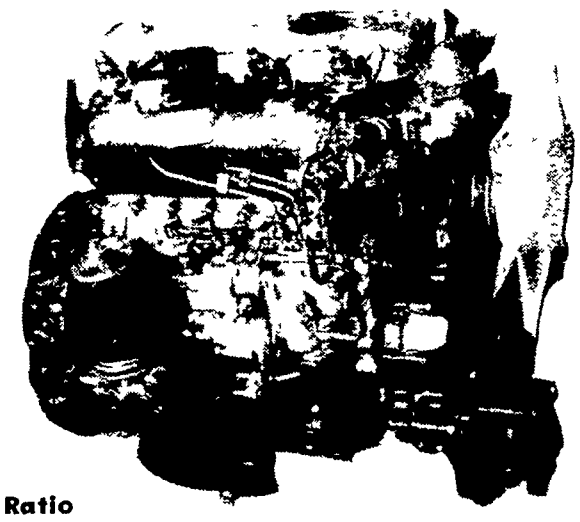

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How energy efficient are U.S. farmers?

DOVER, Del — The productivity of American agriculture is unquestioned, but some people think it's been achieved through a wasteful use of energy.

Critics of modern farming methods hold to this view in spite of the fact that only 2.5 percent of the nation's energy is consumed by agriculture.

"This seems a modest share, considering how it has been used to ease the burden of field work for farmers and provide an abundant supply of high-quality food for the

William H. Mitchell

rest of us," says University of Delaware extension agronomist William Mitchell.

He says there's no evidence that farmers need any incentive to conserve energy other than the profit motive.

"Since profits are closely tied to crop yields, energy cutbacks must be weighed in terms of their effect on yield," says Mitchell "If we conserve energy but reduce production, we'll end up both cold and hungry "

Before they reject modern agricultural technology, the folks who make a big whoopla about saving energy on the farm had better take a close look at the real energy wasters there, says Mitchell.

Take irrigation, for example. This is an energy-intensive practice, but it has the potential to more than double corn yields. More nitorgen, more seed and more lime are needed to grow corn under irrigation, and more gas is needed to dry the additional grain produced. On balance, irrigation could be considered an energy-efficient practice because, with it, relatively more energy (in the form of grain) is produced than is consumed.

This was decidedly true last summer when yields on many drought-stricken fields were only 15 bushels. At 1600 K cal of energy per pound of corn, the harvested grain from those fields matched the energy needed for production. But none was left to cover harvesting, hauling, drying and storage needs

It actually took more energy to produce and handle this dry land corn than what was contained in the harvested grain.

With similar production inputs but by adding 12 inches of irrigation water and 100 more pounds of nitrogen, the yield on many Delaware farms was boosted to 160 bushels an acre. The 145 bushel increase, containing 13 million k cal of energy, was achieved at an estimated energy cost of 2.8 million k cal for the water and nitrogen. Irrigation and additional nitrogen made it possible to recover 4.6 units of energy for each unit invested in the crop.

Through this is a lower recovery rate than would be expected with conventional tillage at the 100 bushel yield level, it is a vast improvement over the negative value obtained in 1980 without irrigation, says Mitchell. Last summer the energy spent producing dry land corn on many farms was pretty much wasted energy.

Energy use in crop production has been the focus of a number of recent studies at the University of Delaware Agricultural Experiment Station.

Station researchers have compared the energy demands of various tillage systems to find out which is most efficient. They have also studied the use of leguminous cover crops as a source of biological nitrogen.

These studies show that by combining no-tillage with a nitrogen-producing cover, such as hairy vetch, Delmarva farmers can grow corn using about 40 percent of the energy reqired for conventional tillage — with no drop in yield.

Besides using cover crops to supply some of the nitrogen needed to grow corn, Mitchell suggests farmers take a closer look at how they're using this nutrient in general.

"Fertilizer nitrogen is the highest energy input in the cornfield," he says. "In the interest of using it effectively to achieve maximum economic yields, careful thought should be given to application rates."

Growers should be realistic about their yield goals both with and without irrigation, says the agronomist. More available water and higher moisture levels through irrigation and no-tillage justify higher plant populations and higher yield goals. And these call for more nitrogen than needed under other systems.

He also thinks farmers need to examine application methods carefully. Where possible, nitrogen should be sidedressed or dribbled down the row. Urea should be incorporated to avoid ammonia losses. And emphasis should be placed on application of nitrogen through the irrigation system.

Nitrogen applied this way is carried to the soil surface by 20,000 to 30,000 gallons of water per acre, so essentially it can be considered a broadcast soil application.

"There is no evidence," says Mitchell, "that it is

(Turn to Page D24)

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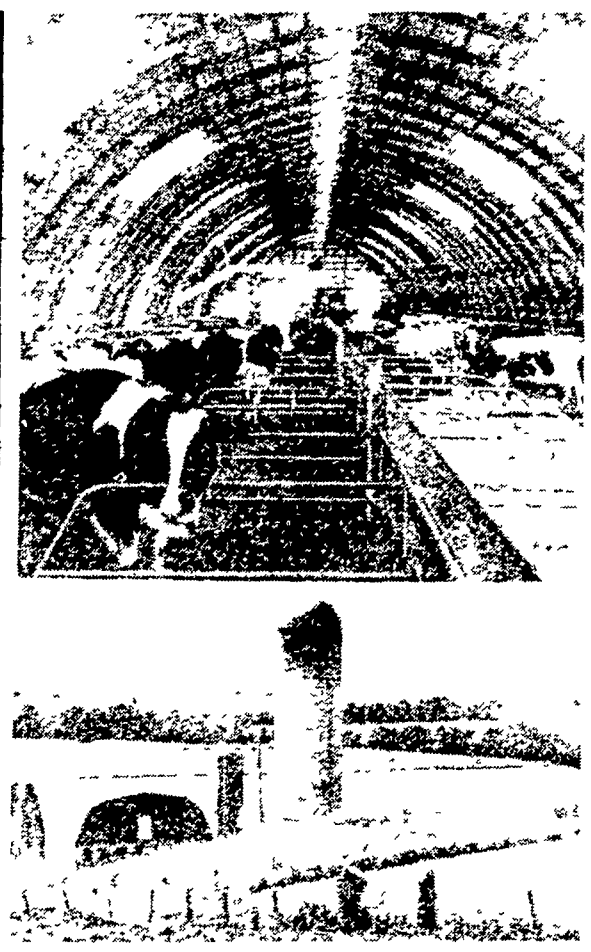

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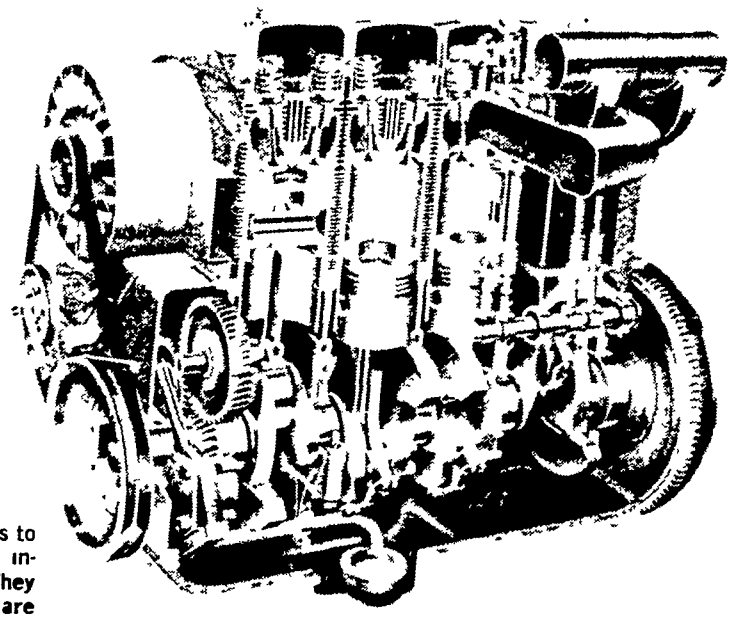

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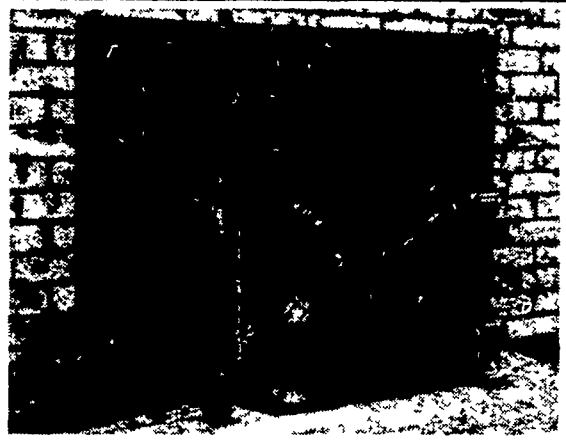

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Mifflin Co. DHIA Report

October 1980

Herds producing 1 35 pounds fat or over include

NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS MILK	LBS FAT
E Clair Fisher	H	39 4	96 4	52 8	2 00
John A Yoder	H	42 0	93 6	54 0	1 94
Merle E Yoder	H	38 0	89 7	50 3	1 93
Leroy Kauffman	H	51 5	94 6	50 4	1 92
Mark R Yoder	H	141 3	94 3	50 6	1 84
Percy S Yoder	H	78 4	92 4	54 9	1 84
G Sheldon Peachey	H	40 0	86 9	50 1	1 83
Mark R Yoder	H	138 2	92 3	47 5	1 81
Dry House Farm	H	95 7	87 9	47 1	1 80
Sylvanus S Peachey	H	83 3	93 7	48 2	1 78
Kore E Yoder	H	50 5	85 1	48 0	1 78
Frank J Hartzler	H	43 3	89 3	47 3	1 78
Charles L Forgy	H	40 0	92 0	46 3	1 77
J D Glick	H	32 0	89 5	45 8	1 75
John Y Bawel	H	16 5	82 6	40 6	1 74
John A Peachey	H	56 9	88 0	49 5	1 73
Enos J Yoder	H	69 6	95 6	47 9	1 73
L J Dunmire Sons	H	89 3	90 8	47 1	1 72
Julia A King	H	41 0	93 5	43 3	1 70
Robert Stayrook	H	22 0	72 9	43 5	1 69
James L Hostetter	H	46 4	91 7	45 4	1 68
Gary Moist	H	47 0	95 1	48 3	1 68
James G Laughlin	H	45 4	85 5	43 5	1 68
Jesse S Yoder	H	40 0	94 7	45 4	1 67
Joshua D Yoder	H	52 8	83 7	45 7	1 67
L J Dunmire Sons	H	93 0	91 3	47 1	1 67
Marvin E Peachey	H	57 4	85 7	43 7	1 67
John B Peachey	H	67 4	93 5	42 2	1 66
David Peachey	H	61 3	9 : 3	44 5	1 66
James A Spangler	H	36 0	90 2	46 0	1 64
Clarence Wagner	H	88 3	85 6	42 9	1 63
Mark S Yoder	H	83 2	86 6	40 9	1 63
John T Kurtz	H	49 4	96 1	43 9	1 63
Merle E Yoder	H	39 0	85 3	45 6	1 61
Bradstead Farm	H	35 4	89 8	41 7	1 61
Delmar King	H	34 2	99 1	45 3	1 61
David T Hostetler	H	56 2	88 6	44 2	1 61
Willard J Peachey	H	53 1	93 2	39 6	1 59
Gideon L Yoder	H	39 1	80 7	37 6	1 59
Peachee Farms	H	67 5	86 2	42 1	1 57
John P Bradford	H	61 0	85 2	43 7	1 57
Fred C Myers	H	23 0	88 4	38 0	1 57
Vernon L Kauffman	H	41 0	83 0	43 4	1 57
Paul H Yoder	H	50 6	83 1	44 1	1 57
Moses J Zook	H	36 0	80 3	48 3	1 56
Louis S Yoder	H	46 2	87 7	41 6	1 55
Irvin H Fleming	H	89 5	83 0	40 0	1 54
Leon K Donahey	H	56 5	91 9	44 4	1 53
John B Peachey	H	70 6	90 8	41 3	1 52
Ezra B Kanagy	H	25 2	84 7	38 0	1 51
L Marlin Yoder	H	52 4	86 8	41 5	1 51
John M Byler, Jr	H	37 1	91 0	37 9	1 51
Peter Damicantonio	H	12 0	83 3	38 5	1 50
David W Yoder	H	61 3	79 3	35 2	1 50
John L King	H	45 2	81 3	37 5	1 49
Louis S Peachey Jr	H	53 9	80 5	37 7	1 49
Hollo-Home	H	45 4	94 0	38 2	1 49
J Elrose Glick	H	38 7	86 6	38 8	1 48
David R Spicher	H	64 9	81 5	39 7	1 48
David L Mitchell	H	90 5	85 1	40 5	1 47
Clarence Wagner	H	82 1	83 5	40 6	1 45
Joseph A Byler	H	31 0	88 7	38 8	1 45
Robert L Plank	H	27 5	92 2	39 7	1 44
Jacob C Speicher	H	79 0	84 3	39 1	1 43
Harold Aungst	H	129 5	75 4	37 3	1 42
Joseph E Kurtz	H	42 1	79 5	38 9	1 42
Linus E Sharp	H	96 2	80 7	42 2	1 41
Marvin R Kanagy	H	44 5	79 6	37 5	1 41
John K Kauffman	H	63 3	88 5	37 1	1 38
Joseph T Hartzler	H	42 2	86 0	37 5	1 38
James O Reed	H	31 0	85 2	37 7	1 37
Simon J Peachey	H	61 3	86 6	36 1	1 37
Raymond M Snyder	H	43 1	87 8	36 2	1 37
Aquilla I Yoder	H	68 9	87 0	39 1	1 37
Robert L Plank	H	27 5	92 7	37 1	1 35

High cows and heifers 600 pounds and over include

OWNER NAME or NO	BRD	AGE CALVING	MILK LBS	FAT LBS
Merle E Yoder				
Marge	H	5 10	20,072	645
Hester	H	5 1	21,150	754
Peachee Farms				
Pam	H	3 4	16,153	643
Willard J Peachey				
77	H	8 0	17,404	610
Sylvanus S Peachey				
Bmontor	H	6 11	20,262	815
Teasy	H	5 9	18,679	623
Mark R Yoder				
Gent	H	9 10	17,567	678
Blacky	H	5 0	23,799	847
Georgia	H	5 0	21,018	653
Marg	H	4 1	22,842	725
Mits	H	3-5	17,510	624
Candy	H	3-8	16,993	600
Blossom	H	2 1	18 373	721
Madine	H	1 11	13,768	694
Bess	H	2 2	21,983	642
Flo	H	1 11	19,143	652
Noel	H	4 1	21,288	760
Chic	H	2 3	18 132	608

(Turn to Page D25)

Crop efficiency

(Continued from Page D23)

retained on the leaves in significant amounts to contribute to disease development. Concern over the prevalence of disease in fertigated cornfields should be directed at total nitrogen applied, nitrogen/potassium balance, and timing of nitrogen, rather an on fertigation alone."

A number of other recent developments in corn production also have a direct bearing on efficient energy use, says Mitchell These include the stay-green concept in hybrid breeding — a move towards hybrids that remain green while the ear loses moisture. This could result in better standing corn and reduced drying costs.

A return to banded phosphorus can result in more efficient use of this element. Faster seedling development and advancement of silking dates by as much as 10 days through this practice can aid weed control and improve yield This, too, will improve the energy input/output ratio

Applying fertilizer and herbicides in a single operation can reduce field traffic. Muriate of potash can be blended with Sutan, Treflan, atrazine or other herbicides and broadcast as a preemergence of preplant incorporated treatment Weed control is enhanced when the treatment is combined with cultivation

Uran has been used at five gallons per acre as a defoliant for soybeans When followed by wheat the product serves a double role by reducing weeds in that crop

Hybrid selection also plays a big part in energy-efficient crop production. Last summer middletown farmer Bill Haas got 163 bushels of corn to the acre from a short season hybrid planted no-till after barley and grown under irrigation with fertigation

This is an excellent example of how a finely tuned management system can result in energy-efficient crop production with higher returns to the grower than is possible under conventional tillage practices.

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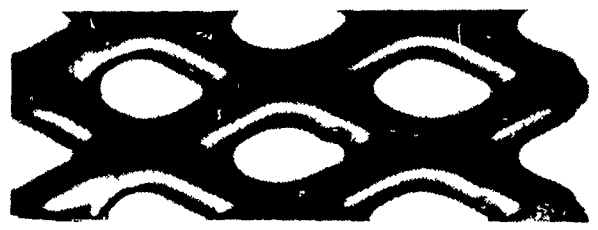

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Swinex "B" ¾" - #9 - 4'x8' & 4'x10'

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- Also excellent under normal conditions

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- WL312
- WL313
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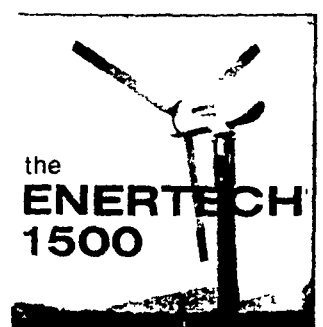
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Mifflin Co. DHIA

(Continued from Page D24)

Percy S Yoder				
Jenifer	H	10 10	20,487	666
Julia	H	6 11	19,703	622
Precous	H	5-2	21,571	696
Pansy	H	4 3	19,704	702
Celia	H	3 8	20,365	657
Pagne	H	2 2	19,870	623
Harold Aungst				
294	H	5 6	16,495	701
296	H	5 11	18,872	677
344	Mix	0 0	19,781	813
Leon K Donahey				
Karla	H	4-8	14,352	671
Marty	H	4-11	14 868	676
James H Allison				
Fern	H	6 4	18,933	708
Cathy	H	3 6	14,902	601
Joseph Byler				
276	H	8 11	19,733	783
10	H	4 4	18,669	613
22	H	4 4	24,927	774
30	H	3 8	17,778	732
38	H	4 7	19,887	662
72	H	2 8	16,854	703
James O Reed				
Elsie	H	7 10	14,834	615
Jesse S Yoder				
Cammy	H	6 5	18 186	734
Leroy Kauffman				
Goldi	H	6 11	19,515	652
Beauty	H	4 4	20,137	747
Bradstead Farm				
Bonnie	H	2 0	15,957	617
David R Spicher				
Anita	H	9 7	16,728	668
Blacky	H	9 0	16,565	628
Goldie	H	5 11	19,398	711
Lila	H	3 11	18,297	677
Beth	H	3 2	19,650	681
Vera	H	3 2	19,530	692
Stephen Zook, Jr				
Lottie	H	7-6	14,869	636
John L King				
Eva	H	6 6	17,236	658
Joyce	H	5 3	17,149	641
RM & Wm R Ammon				
Anita	H	6 4	18,789	673
Gina	H	6 10	15,702	619
Aretta	H	4-3	17,076	645
Fidge	H	3 1	17,057	675
Julia A King				
Liza	H	8 3	20,481	799
Marge	H	6 10	23,366	942
John A Peachey				
Molly	H	11 3	20,956	703
Rex	H	4-3	23,771	756
Eva	H	4-4	18,266	715
Rosetta	H	3-2	19,621	778
Iva	H	3-2	19,854	763
Lisa	H	3-3	18,600	676
Joshua D Yoder				
Prilly	H	6-4	16,093	640
Patsy	H	4-3	15,885	604
Piney	H	5-9	20,854	748
Louis S Yoder				
Emma	H	6-4	19,051	748
Ramlyn	H	3-5	22,405	762
L J Dunmire Sons				
312	H	8-1	18,777	633
358	H	5-10	17,768	659
383	H	4-10	15,881	632
384	H	4-10	17,349	724

(Turn to Page D26)

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The Wic bedding chopper chops straw, hay or corn fodder and spreads it uniformly under your cows, all in a single operation. When you use chopped bedding, you save on straw and your cows stay much cleaner. On top of that, cleaning up is a breeze...

All models of Wic s bedding chopper have four rows of knives insuring a better spreading action

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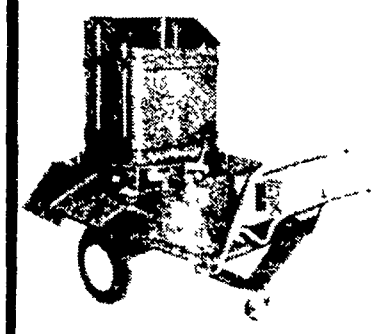
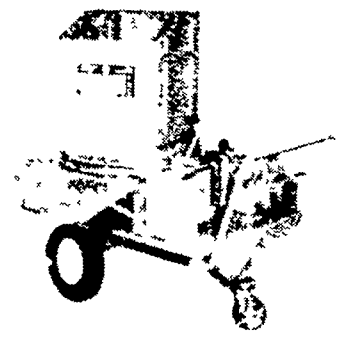
BRAKE on wheel swiveling
CAPACITY 1-bale/50 seconds approx
DIMENSIONS: width 31" (80 cm) (with out handle) length 45" (115 cm)
DIMENSIONS: height 55" (140 cm)
WEIGHT 440 lb (200 kg)



ELECTRIC BEDDING CHOPPER
Wic also makes an electric 200 volt a c chopper or a 24 volt d c battery operated chopper including an automatic charger These two models are equipped in the factory with a manual starter panel and are protected by fuses to diminish risk of accidents

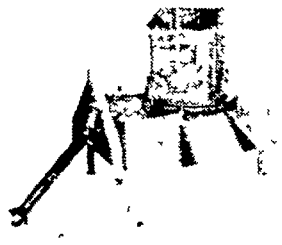
Very quiet these bedding choppers are mostly used on small or medium sized farm As well as being mobile the 220 volt a c model can be installed stationary Motor 220 volt a c 3 h p 24 volt d c 21/2 h p



GAS BEDDING CHOPPER
The gas powered bedding chopper is the most popular on the market It s operation is simple and t handles easily Equipped with a Honda 4 stroke gas engine the Wic bedding chopper insures maximum out put while in use

Motor 5 7 or 10 h p 4 stroke Honda

Starter 5 h p manual and 7 and 10 h p manual or electric start

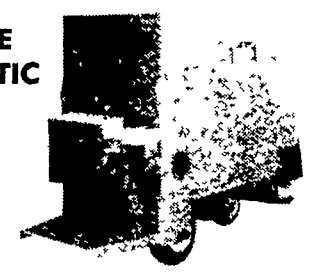


POWER TAKE OFF BEDDING CHOPPER

Wic has perfected a three point hitch PTO chopper activated by the power of your tractor Easy to in stall it is ideal for free stalls or in strawberry fields for mulching purposes

WIC MOTORIZED SILAGE WAGON WITH HYDROSTATIC SPEED CONTROL

★ Regular Feed Discharge or 40" High Feed Discharge
★ Electric or Gas Operated



DISTRIBUTORS

PAUL HORNING
RD1, STEVENS, PA 17578
215-267-7208

JOHN R. NYSTRAND, JR.
RD2, SUGAR RUN, PA
717-746-1951

AUTHORIZED DEALERS

JOHN J. HESS
RD 4
Gettysburg PA 17320
PH 717 334 8553

CREUTZBURG INC.
Livestock & Farm Supplies
Box 7,
Lincoln Highway East
Paradise, Pa
PH 717 768 7181

MARVIN J. HORST
Dairy Equipment
1950 S 5th Avenue
Lebanon, Pa
PH 717 272 0871

W & J DAIRY SALES
RD 2 Oxford Pa
PH 717-529-2569

SAMUEL DIXON, JR.
RD 2, Box 546
Clayton, Del 19938
PH 302 653-7232

SHOW EASE STALL CO.
573 Willow Road
Lancaster, Pa
PH 717-299 2536

UMBERGER'S MILL
RD4, Box 545 (Fontana)
Lebanon, Pa
PH 717 867 5161

HARRY L. TROOP
RD1, Cochranville Pa
19330
PH 215-593 6731

PAUL SHOVER, INC.
35 E Willow St
Carlisle, Pa
PH 717 243 2686

CUMBERLAND FARM AND DAIRY SUPPLY, INC.
4560 Dairy Rd
Chambersburg, Pa 17201
PH 717 263-0826

TRI-STATE FARM AUTOMATION
RD9, Hagerstown, MD
PH 301 790 3698

SOMERSET FARM SUPPLY
201 S Pleasant Ave
Somerset Pa 15501
PH 814 443 2841

TOM MULVANEY
RD6
Flemington NJ 08822
PH 201-782 1679

AARON S. GROFF & SON
RD 3
Ephrata, Pa 17522
PH 717 354-4631

RUMMEL DISTRIBUTING
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Cabot Pa 16023
PH 412 352 9219

STANLY A. KLOPP
118 W 3 Rd Street
Bernville Pa
PH 215 488 1500

P & S EQUIPMENT, INC.
3639 Grier Nursery Road
Street Md 21154
PH 301 452 8521

Get a load of this...

Gehl s 4600 is the perfect skid steer loader for contractors A quick-switch attachment system makes it easy to add a backhoe pallet fork grapple fork or a variety of buckets So you can customize the 4600 for different jobs Hydrostatic drive and T-bar controls make operation smooth and easy See us today

Waiver of Interest Plan Until May 1, 1981 On All Hay & Forage Equipment

GEHL®
FARM EQUIPMENT

PEOPLE'S SALES & SERVICE
Oakland Mills PA
717 463 2735

N.G. HERSHEY & SON
Manheim PA
717 665 2271

A. L. HERR & BRO.
Quarryville PA
717 786 3521

S. JOHNSON HURFF
Pole Tavern
Monroeville NJ
609 358 2565 or
609 769 2565

STOUFFER BROS. INC.
Chambersburg PA
717 263 8424

ARNETT'S GARAGE
Rt 9 Box 125
Hagerstown MD
301 733 0515

UMBERGER'S MILL
Rt 4 Lebanon PA
(Fontana)
717 867 5161

ZOOK'S FARM STORE
Honey Brook PA

AGWAY, INC.
Chapman Equip Center
Chapman, PA
215-398-2553

CHAS. J. McCOMSEY & SONS
Hickory Hill PA
215-932 2615

WERTZ GARAGE
Lineboro MD
301-374 2672

LEBANON VALLEY IMPLEMENT CO., INC.
Richland PA
717-866 7518

CLAIR J. MYERS
Lake Road R1
Thomasville PA
717-259-0453

PETERMAN FARM EQUIPMENT, INC.
225 York Rd
Carlisle PA
717 249 5338

BINKLEY & HURST BROS.
133 Rothsville Station Road
Lititz PA
717 626 4705

Mifflin Co. DHIA

(Continued from Page D25)

Clarence Wagner				
57	H	5 8	16,829	624
9	H	5-5	16,258	701
64	H	4 6	16,663	625
70	H	4-0	18,765	715
6	H	3 9	22,114	769
John K Kauffman				
Carmon	H	7 0	20,307	841
William S Kenepp				
Lucy	H	5 8	17,585	673
Gail	H	3-3	17,342	661
Linus E Sharp				
29	H	9 1	22,810	801
230	H	6 1	18,536	735
319	H	3 0	14,195	610
Enos J Yoder				
Anne	H	7 4	18,950	652
Sallie	H	4-5	15,976	634
Dolly	H	4 3	16,983	711
James L Hostetter				
Rosalin	H	7 2	16,504	605
Susanne	H	6-6	21,488	788
Amy Jo	H	4 2	21,266	654
Galen M Kenepp				
Lou	H	5-10	14,059	603
Mark S Yoder				
262	H	8-2	17,594	645
312	H	6-1	19,701	763
400	H	4-3	16,829	654
20	H	3-1	15,571	632
21	H	2-11	16,273	708
Peter Damicantonio				
Karen	H	9-1	15,353	686
Lady	H	10-0	17,905	617
Lisa	H	6 4	15,362	660
Kore E Yoder				
Smeel	H	10 0	17,338	636
Bab	H	7 4	24,756	998
Fern	H	5-5	15,892	612
Delmar King				
65	H	3 11	16,881	657
78	H	2-3	15,730	616
[illegible]				
Bonnie	H	6 6	22,980	814
Della	H	3 9	18,290	701
Simon J Peachey				
6	H	6 5	17,304	622
49	H	3 6	16,464	756
John B Peachey				
65	H	8 2	21,227	734
72	H	7-9	18,884	721
67	H	4 9	19,962	765
74	H	3-5	19,620	786
6	H	3 7	17,349	641
13	H	3 5	17,470	664
E Clair Fisher				
Lena	H	5 6	20,877	782
Dot	H	3 0	17,679	645
Queen	H	5 0	18,414	783
Gary Moist				
Rhonda	H	4 7	22,264	799
Louis S Peachey, Jr				
57	H	5 10	17,712	653
34	H	5 3	20,566	789
18	H	4-3	17,098	670
16	H	3 3	16,569	666
46	H	3 4	16,632	773
36	H	2 1	16,280	613
Gideon L Yoder				
Lynda	H	8 9	16,983	690
Noble	H	2 4	14,800	675
Ezra B Kanagy				
Peggy	H	10-9	21,036	791
Pearl	H	5-4	15,764	608
Linda	H	7-11	16,894	696
Dry House Farm				
241	H	5 2	19,393	661
280	H	4-1	17,032	695
339	H	3 0	20,353	612
Charles L Forgy				
36	H	3-1	19,066	814
Vernon L Kauffman				
246	H	5-5	18,200	676
Roger Parks				
4	H	8 4	14,328	668
David W Yoder				
367	H	4-11	17,424	602
316	H	6 3	22,829	767
356	H	5 3	15,957	621

(Turn to Page D27)

YEAR END

PUBLIC AUCTION

OF

NEW & USED

DIESEL TRACTORS - LAWN & GARDEN EQUIPMENT

SNOWMOBILES - TOOLS - ACCESSORIES

SATURDAY, DECEMBER 27

12:30 P.M.

Location: Rt. 322 East of Ephrata to traffic light in Village of Hinkletown, turn left to Martindale, turn left onto Gristmill Road to sale site on right. Lancaster County, PA.

NEW EQUIPMENT

33 HP YANMAR 4 WHEEL DRIVE DIESEL TRACTOR WITH LIVE PTO & DRAFT CONTROL & 15 HP YANMAR DIESEL TRACTOR (both of these tractors are available with free financing until March 1, 1981 with prior approval); 15 H.P Satoh Beaver Diesel Tractor; 10 H.P. Case Tractor & Sweeper; 11 H.P. 424 Dixon with 42" Cut; 5 H P. Yardman Snow Blower; 4 H.P. Yardman Rototiller; Six Push & Self Propelled Lawnboy Mowers; 3 Snowmobile Trailers.

GOOD USED EQUIPMENT — 13 H P. Yanmar Diesel w/45" Mower; 15 H P. Satoh Beaver Diesel; 1650 Massey Hydrastatic w/Mower; 14 H.P Massey Hydar. w/Mower; 12 H.P. Massey Hydra w/Mower; 12 H.P. Sears w/Mower; 8 H.P. Massey Hydra. w/ Mower; 7 H.P. Massey & Mower; 7 H.P. Jacobsen w/ Mower; 7 H.P. Bolens w/Mower & Tiller; John Deere 57 Rider; 6 H.P. Ariens Rider; Brinly Disc, Plow & Cultivator; TWO 16 H.P. GRASSHOPPER MOWERS w/61" CUT.

SNOWMOBILES — 400 Massey Ski Whiz; 77' 440 Ski-Doo TNT; 75' 340 Mercury; 74' 440 Sno Jet; 440 Ski-Doo TNT; 440 Moto Ski; 440 Ski Doo TNT; Artic Lynx 292 S; Polaris TX 440; 74' Rupp American 400 w/Elec Start; Massey 350 Ski Whiz; Skirole 400; AMF 500 qc & one Polaris as is. 1980 Scorpian Whip 440 - like new; 1979 Massey 440 Whirlwind - Good Cond.

ACCESSORIES — Snowmobile Suits 1 & 2 Pc.; Boots; Helmets; Castrol Snowmobile Oil; Face Shields & Snowmobile Accessories; NEW TOOLS· Wrenches; Socket Sets; Screwdrivers; Elec Tape and Pipe Wrenches

NOTE: Fine selection of new and good used euqipment. Don't miss this sale

Terms by:

LAWN CARE OF PENNA.

Daniel Z. Martin & Son

(215) 445-4541

Sale Conducted By:

Randal V. Kline

Lloyd H. Kreider,

Auctioneers

KLINE & KREIDER AUCTION SERVICE

Phone (717) 733 1006

MERRY CHRISTMAS AND A PROSPEROUS NEW YEAR TO ALL OUR FRIENDS & CUSTOMERS

From Keister Middleburg Auction Sales, Inc.

Hog Sale Every Mon. 11:00 A.M.

Regular Livestock Sale, Farm & Flea Market every Tues.

Feeder Cattle & Feeder Pig Sale every third Fri. evening of the month starting March 20, 1981

Horse Sale last Sat. of every month 10:00 A.M. Starting Jan. 31, 1981

For Information Call 717-837-2222

KEISTER'S MIDDLEBURG AUCTION SALES, INC.

Rt. 522 - RD 3, Middleburg, Pa.

PUBLIC SALE

Valuable Real Estate

SATURDAY, JANUARY 10

at 12:30 P.M.

25 Acre Farm - Farm Equipment

From Cross Keys on Route 30, take Route 94 north approximately 5 Miles, then turn West on Dicks Dam Road and go 1 mile to sale. Sign posted.

The undersigned owners will offer, on the above date, the following: Approximately 25 acres with 14 acres tillable, in growing wheat, with balance in meadow and woods. Having a 7 room 2½ story house covered with aluminum siding, complete with storm windows. Consisting of a large living room, nice kitchen with built-in cupboards, dining room, 3 bedrooms all having wall to wall carpet, bath, full cemented front porch and enclosed back porch. The interior of this home has recently been completely renovated There is a 36 Ft. by 60 Ft. bank barn in good condition with all cement stable area and a 32 Ft. by 32 Ft. attached implement shed. Prior to the offering of the Real Estate at 1:00 P.M. the following items will be sold. 1971-1700 Loadstar Int. Truck with 18 ft. grain bed and twin cylinder hoist, IH Farmall "M" with remote control and good rubber, J.D. 3 pt. 4-14" trip bottom plow, Model 37 IH 28 transport disk, 11 ft. cultipacker, NI 4 bar side rake on steel, 16 ft. flat bed wagon, pusher for "M" tractor, 60 cedar posts, 15 sheets 9 ft. used tin, about 3½ corn of seasoned and cut fire wood, and used boards. DUE TO NO SMALL ITEMS, PLEASE BE PROMPT.

Auctioneer's Note: If you are looking for a property of this type, in a nice country setting, plan now to attend this sale Call 717-624-2591 for appointment to see for yourself

Terms: 10% down day of sale, Balance 60 days.

MR. & MRS. WILLIAM C. MYERS

R.D.1 Box 175

New Oxford, Pa 17350

Dennis J. Plunkert, Auctioneer

Littlestown, Pa.

HOLIDAY CLASSIC SALE

TUESDAY, DECEMBER 23

12:30 P.M. Sharp

Free Buffet Lunch at 11:30 a.m.

Location - Sale to be held at the Jack Wood Farm, Located on the Taylor Valley Rd. 3 miles north of Cincinnatus, NY off Rt. 26 Watch for auction arrows.

95 Registered & High Grade Cattle 95

Featuring:

1. From Meridale Farms Meridale, NY, a nice group of Eastern sired springing first calf heifers. Also a pair of 4 yr. old including a Sensational Apache. She is Meridale Apache Hanna Lettie, born August 6, 1976 and bred March 20, 1980 to Elstan. She has owner sampler records of 2-3, 326d 15,360M 4.1% test and 629F, 3-4 318d 21,760M 4% test 870F.

2. Lewis Stuttle Dryden, NY a pair of high producing young cows, a 3 yr. by Arlinda Chief Aristrocrat that made 17,607M 661F 305d, a 2 yr. old from 23,000 b dam due in Late Dec. to LuLynn Bold C Sam. A Cotterdale Astronaut King with 17,743M 718F 305d at 4 yrs. Class GP and due to Rippchen Bootneck in Jan.

3. Charles Hatfield, Freeville, NY 3 2 yr. olds that are recently fresh and a 4 yr. old by Mistymead Triune Galaxy and from a VG dam that made 18,329M 728F 305d at 9 yrs.

4. William Wright, Preble, NY 2 2yr. old due in Jan to Tiehoe Kit Builder, one is Arlinda Commander daughter from 22,000 lb dam and other by Linehollow Admiral DeKol from a GP cow that made 17,875M 701F Also an open heifer ready to breed

5. Stan Wettle & Son, Homer, NY. A 3 yr. old by Redroof Astro Elmo Class GP and due about sale time to Zion View Amy's Grand Fortune. Last Year she made 16,977M in 338d. Her dam is Orlo with 27,661M 886F 305d. A Mat Tippy heifer due to Jupiter in Jan Her dam made 23,605M 737F in 305d as a 3 yr old.

6 Stephen Knapp, Preble, NY A 2 yr. old by Strethon from a 20,000 lb Dam and pasture bred to Paclamar Astronaut Son a VG cow 17,414M 585F last yr. and Due to Zion View Amy's Grand Fortune in Early Jan. Also her yearling son by Round Oak Rag Apple Elevation.

7. William Underwood Tully, NY. A fresh cow by Pandadale Meteor that made 15,765M 618F 320d last year.

8. Dennis Ferguson, Dryden, NY Twin 2 yr. old - by Kanzabrook Mat Carlo and from Pawnee Farms Arlinda Chief Daughter, both are due in Feb. to Ca-lill Standout Cavalier.

9. Railman Farms, Homer, NY. A 4 yr. old Dau. of Round Oak Rag Apple Elevation, due to Longhaven Imperial Knight in early Jan.

10. Don Robinson, South Otselic. A 4 yr. old Willow GP83 and from a 19,000 lb. dam that is due Jan. 4 to Ca-lill Standout Cavalier. A 2 yr. old reg. Red Holstein bull by Semrads R Maple Jupiter (Rag) from a cow that made 18,727M & 659F 305d.

11. Brunell Angell, Lincklean, NY. A yearling bull by Bold C and from a cow with 19,092M 796F in 369d at 6 yrs. Also a good grade cow due early Jan. to Marquea.

12. Onontio Farms, Onontio NY. 7 2 yr. olds by Eastern sires, including Ped, Barett, Lowe, Rock and Apline. All bred to calve early next year. The dams have DHIA records up to 22,711M 861F.

13. Carl Dawson, Truxton, NY. Sends a good pair of registered cows, one due about sale time, and one in early February. Also selling a pair of twin 2 yr. olds, by Willow, from a GP cow with 20,525M 694F in 338d, both due soon after the sale to Rip Valley Elevation Napolean, a pair of Willow 2 yr. olds, due soon after the sale. 1 bred to Jupiter and the other to Zion View Amy's Grand Fortune. A Barrett 2 yr. old. due about Jan. 1 to Paclamar Astronaut. A Matt Junior bred heifer from a cow with 669F a good grade red & white holstein, 2 yr. old due about sale time to Jersey bull

Managers Note: All cattle will be TB and brucellosis vaccinated with nasalogen and pregnancy examined. My invitation goes out to you who are looking for good registered and grade for your good top dairy replacements. An exceptional sale of cattle to choose from.

Terms: Cash or good checks. ID required.

Jack Wood's Livestock & Auction Service

Sale Managers

Cincinnatus, NY 13048

607-863-4141

Mifflin Co. DHIA

(Continued from Page D26)

6	H	4 0	20,020	701
8	H	3-9	18,010	602
407	H	3-10	19,508	639
14	H	3 2	20,508	605
Raymond M Snyder				
58	H	7 4	15,015	613
11	H	7-3	15,884	663
Paul H Yoder				
794	H	3-11	20,134	698
Hope	H	5 5	22,076	817
763	H	4 9	24,864	937
Rosie	H	2 1	16,268	681
John M Byler, Jr				
Kitty	H	4 3	17,012	686
J D Glick				
Lass	H	4 3	14,716	646
Joseph T Hartzler				
Paula	H	5 5	19 234	702
Marvin R Kanagy				
Blanche	H	7 1	16 655	643
Melba	H	5 4	22 714	752
G Sheldon Peachey				
Paula	H	6 0	19,853	692
Prudenc	H	3 3	16 716	629
Ann	H	3-0	17,726	747
Pam	H	2 1	18,434	718
Joseph A Byler				
Joy	H	6 11	17,688	652
Tody	H	5-5	15,805	718
Eugene J Sunderland				
40	H	7 3	15,998	610
18	H	5 4	15,349	608
David Peachey				
Maple	H	3 7	20 659	636
Marvin E Peachey				
Reba	H	4 8	18,085	690

Older farm workers can earn more money

LITITZ — Higher annual farm and nonfarm labor employment earnings will be permitted in 1981 before deductions for federal social security benefits according to Doctor John W. Wysong, extension farm management specialist and professor of agricultural economics at the University of Maryland

As before, retirees over 72 years of age have no ceiling on their earnings that might cause a reduction in their social security benefits. However, notes Doctor Wysong, workers aged 65 to 71 will now be able to earn up to $5500 per year without losing any of their usual benefits.

Retirees under 65 years of age will now be able to earn $4080 before benefits begin to be reduced.

Wysong reports the new ceilings are intended to offset changes in wage rates due to inflation in the general economy. When there is more money--currency and credit--available then there are goods and services to purchase, consumer and producer prices tend to rise, and wages also increase Improvements in labor and capital productivity can help to offset this rise

It is expected, according to Doctor Wysong, that the higher earnings ceilings for retirees will encourage some persons to re-enter the labor force to remain in it on a part-time basis. It should be helpful to older farmers and farm workers.

TRACTOR SAFETY HINT

Stay Alert!
Spending hour after hour in the field can become monotonous lead to carelessness Don t let it Changing terrain obstacles or row ends all demand constant control Always be ready to down shift and apply brakes Stay alert and stay healthy

Good's Auction

111 North Maple Ave.
Leola. PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment

12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H.
GOOD & SONS

RD 1 Leola, PA 17540
717-656-9558

From all of us to all of you, we sincerely appreciate all the kind help and business you have given us this past year. We here at Shady Lane Dairy Sales wish everyone a

Merry Christmas

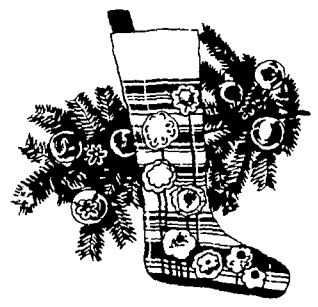
and

Happy New Year

May the peace and brotherhood of the season extend throughout the New Year.

Sincerely
Glenn & Doris Fite David & Carol Fite

BELLEVILLE LIVESTOCK MARKET
WISHES ALL THEIR PATRONS
A JOYOUS HOLIDAY SEASON



WE WILL HAVE OUR REGULAR SALES DEC. 17 AND 31

NO SALE CHRISTMAS WEEK - DEC. 24

FUTURE SALE DATES TO REMEMBER:

HORSE SALES-	FEB. 14 AND MARCH 21
SPRING MACHINERY SALE-	MARCH 6
SPRING HRF. SALE-	APRIL 24
EASTER LAMB AND GOAT SALE-	APRIL 8

COMPLETE DISPERSAL
SATURDAY, DECEMBER 27, 1980
11:00 A.M.

Located 1 mile from Route 220, just south of New Albany, Pa. New Albany is between Towanda and Dushore, Bradford County. Arrows.

92 HOLSTEINS AND A FEW GUERNSEYS

Registered and High grade Holsteins, 7 Registered Guernseys, 50 mature cows, 12 bred Heifers, 12 yearling Heifers (some big enough to breed), 18 started heifers, 16 fresh since October 6, to freshen soon, balance in various stages Presently making a ton daily. On DHIA test and AI breeding. A young dairy - 5 years the oldest All raised by Mrs Sayman and selected from the best neighboring dairies This free stall dairy is very quiet All broke to lead. Vet examined and Inter-State Charts

MACHINERY

Ford 5600 Diesel Tractor, air conditioned cab w/948 hours, AM-FM and CB radios and load monitor system, has snow blade (this tractor looks about new), Ford 4000 gas w/front loader; Speedex 16 h p 3 pt. #1632 tractor and front blade; Ford 140 3B 18" semi-mtd spring reset plow, MF 10' transport disc; Hesston 10' hydra-swing windrower; NH #718 chopper w/1 row and pickup heads used 1 season; NH 56 rake, NH 3 pt mower; NH 328 spreader with hydraulic end gate; Gehl #1500 big baler; Gehl bale forks; McKee 5 bale hydraulic self-loading transport buggy, Gehl unloading box and wagon, Hustler 56 PTO hopper blower; MF back blade; MF 2 row planter; 3 pt fertilizer spreader; NI fertilizer sower, 2 flat wagons; *concrete mixer*

- Badger 16' Silo Unloader
- Badger Feed System w/80' Conveyor & 30' Distributor
- 2½ ton steel pellet bin w/magnetic feeders
- 1968 Chevy Suburban 4 wheel drive 32,000 miles
- 30' Corn and Alfalfa Silage
- 2 Ritchie double heated waterers
- Gemerac 30,000 watt PTO Generator

MILKING EQUIPMENT AND MISCELLANEOUS

Girton 650 round tank and washer; Alamo 4½ h p vacuum pump, fertilizer; seed oats; grass seed, twine, air compressor, plow points; etc, etc, too much to list

Only reason for this sale is Mrs Sayman's poor health
Terms: Cash or approved checks

Owners
FRED AND DOROTHY SAYMAN
Jim Adriance & Sons, Auctioneers
Montrose, Penna.
717-278-1574
Lunch Available

PUBLIC SALE

From Route 11 at Inwood, W. Va. Turn East on Route 51 - Travel 3 miles to Roeder's Market (formerly Haines') Turn right - .2 of a mile to sale -- OR -- From Charles Town, W. Va., Take Route 51 West - Go approximately 8 miles to Roeder's - Turn left - .2 of a mile to sale.

THURSDAY, JAN. 1, 1981
10:00 a.m.

APPROXIMATELY 20 - 25 TRACTORS – Including Cubs, Fords, John Deere, Internationals, Fergusens, and many other makes ALSO – We will be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, post hole digger, discs, wood saw, rakes, baler, grain elevator, corn pickers and many other farm related implements.

We will also be offering a good selection of NEW AND *USED TOOLS – Including carpenter tools, hand and* electric tools, drill presses, socket sets of various sizes, lg electric motors, plumbers tools, and other tools. *These tools will be offered starting at 10.00 Sharp*

We will also be offering some household articles and some antiques.

TERMS: CASH. NOTHING TO BE REMOVED UNTIL SETTLED FOR.

Sale Mgr.
EDGAR A. BOHRER
304-229-8354
AUCTIONEERS: MILLER AND BOHRER
CLERKS: Ware, Bohrer and Bohrer

Note: THIS IS A CONSIGNMENT SALE. If you have surplus farm items, tools, household articles, let us turn them into CASH. If you are considering having an auction, please contact us. We would appreciate your consideration.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

COMPLETE CATTLE DISPERSAL
SATURDAY, DECEMBER 27
11:00 A.M. Sharp

Ray Smith having commissioned us to sell his complete dairy located on the farm just off Rt. 26 to Horton Rd. 5 miles north of Cincinnatus, and 5 miles south of South Otselic watch for auction arrows

125 High Grade Holstein Cattle 125

This dairy consists of 85 milch cows, consisting of 35 strictly fresh cows, plus 35 cows bagging close and handling. Balance in various stages of lactation Also there are 40 started heifer calves to bred heifers. This is a very good young milky dairy with several cows milking between 70 & 80 lb. Now averaging 60 lb. per cow shipping to milk factory. This dairy must be seen to be appreciated All cattle will be blood and TB tested ready for interstate shipment day of sale.

Plus shipping fever shots and vet examined for pregnancy

Managers note: Ray has always kept good milky cows and always made a lot of milk per cow, and raised only heifer calves from the best cow Inspection welcome anytime So make plans to attend this top sale of dairy cattle

Terms cash or good checks ID required.
Lunch available.

Owner,
RAYMOND SMITH
607-863-3996
Jack Wood's Livestock & Auction Service
Sales Managers
Cincinnatus, NY 13040
607-863-4141

Major changes made in spotlighting law

SUNBURY — Pennsylvanians are warned by the Game Commission that major changes in the law governing the use of spotlights went into effect this Tuesday.

A recent amendment to The Game Law will for the first time increase the fine for spotlighting between midnight and sunrise, provide a penalty for shining a spotlight on a building, provide a penalty for spotlighting while possessing a firearm or bow, and hold all persons responsible if they are cooperating together in illegal spotlighting activity.

On December 16, the penalty for spotlighting between midnight and sunrise increased to $25 Since 1958, the fine has been $10.

A new amendment provides a $25 penalty merely for spotlighting while in possession of a firearm, bow or other implement whereby any big game could be killed Previously, it was not unlawful to spotlight while in possession of a firearm unless the spotlight was shining on a big game animal.

If the spotlight shines on a big game animal while the person is in possession of a firearm, bow or other implement which could be used to kill the animal, the penalty will continue to be $200 if the animal is a deer, and $400 if the animal is a bear or elk

In the past, there has been no prohibition on spotlighting buildings. Now it is unlawful to cast the rays of alight upon any house, barn or other outbuilding used in connection therewith The penalty for casting the rays of a spotlight on a building will be $25.

Until now, the law made illegal spotlighting activity the responsibility of any person, or one or more of a group of persons together " Under the new amendment, those subject to penalties will also included persons "cooperating with each other in any manner "

Many persons, sportsmen and sportswomen as well as non-hunters, engage in spotlighting. It is an especially pleasurable pasttime for parents who want their youngsters to see and enjoy wildlife, and for hunters who are trying to locate deer before the seasons open

In recent years there has been increasing criticism from rural residents about spotlights being used by unthinking persons. Some spotlights hit light-sensitive tripping devices on rural lights that shine at night, turning them off

Casting the rays of a strong light onto and into buildings stirs up livestock, dogs, etc. It also disturbs the sleep or rest of rural residents, leading to demands for tighter restrictions on spotlighting activities and the resultant changes in The Game Law.

PUBLIC AUCTION IS OUR BUSINESS

Thank you, the public, for making this another pleasant year serving you in 1980.

A special thank you, clients, for giving us your business.

MERRY CHRISTMAS & A SUCCESSFUL NEW YEAR TO ALL

Steve & Anna Petersheim & Family
John, Naomi, Steve Jr., Ruth, Samuel & Orpha

III John 2 "Beloved we would that you prosper and be in good health even as your soul prospers "

CHRISTMASTIDE

It's our favorite time for saying thank you for your friendship and loyalty and for extending warm wishes to all.

From the staff at
Jack Wood's Livestock & Auction Service
Cincinnatus, NY 13040

PUBLIC SALE

TUESDAY, DECEMBER 30, 1980
At 10:00 A.M.

Located in Perry County, 12 miles southwest of Millerstown and 1½ miles southwest of Ickesburg along Rt. 17. Coming from Millerstown, get off Rt. 322 and 22 and follow Rt. 17 to sale. Rt. 74 north from Carlisle will bring you to Ickesburg.

FARM MACHINERY

Allis Chalmers 190XT Series III tractor fully equipped; Ford 4000 SU tractor with #710 industrial loader fully equipped, IHC #400 gas tractor with quick hitch; Ford 5000 diesel tractor with wide front end; New Holland #276 Hayline baler with thrower; New Holland #256 tractor rake, New Holland #469 9 ft. Haybine,

2 New Holland rubber tired wagons with hay rack; Kory rubber tired wagon with hay rack, New Holland #717 field harvester with 2 row 30 in corn head and single row corn head and wind row pickup head

DELAVAL 25,000 KW-3G1 ALTERNATOR ON WHEELS
500 BALES OF TIMOTHY AND CLOVER HAY

New Idea 195 bu manure spreader; New Idea #323 single row trail corn picker, New Idea #213 manure spreader with hyd. tailgate; New Idea self-unloading wagon; Dion self-unloading wagon; John Deere crimper; John Deere portable disk harrow; IHC - MF 13-7 disk grain drill; McCurdy grain bin on rubber tired wagon.

Badger TA54 silo blower, 50 ft of blower pipe, Little Giant 34 ft bale elevator, dump truck bed with hyd hoist mounted on dual wheel chassis; Ford 3 pt. 2 row corn planter with insecticide hopper and fertilizer boxes; Little Giant rollaway elevator, IHC fast hitch 3 - 14" bottom plows; Oliver 3 pt #346 3-16" bottom plows with hyd. reset;

3 pt hitch 10 ft. chisel plow; 3 pt. scraper blade; 3 pt Ferguson cultivator; field sprayer with fiberglass tank; 12 ft grain auger; 3 section harrow; cultipacker; 2 fuel tanks; cement mixer; large steel cart; platform scales; tractor chains; scoring out plow; wheel weights; wagon unloading unit; Planet Jr garden tractor; 50 gal of aluminum paint; exhaust fan; cement blocks and lintels; front end mt wood saw

2 watering tubs; jack shaft for Clay gutter cleaner; jack shaft for Acorn gutter cleaner; new tripod for 16' silo.

DAIRY EQUIPMENT

4 Surge milker units; 6 & 10 can milk cooler; milk can rack; 50 milk cans; milk can cart; 2 stainless steel strainers, double tubs; 30 gal hot water heater; elec fly catcher.

HOTPOINT WASHER & DRYER - UPRIGHT PIANO

Auctioneer's Note Most of this machinery is in good shape .some like new! Order of Sale Small items at 10:00 A M , machinery at 12 Noon DON'T BE LATE!

CLIP & SAVE

FRANK J. & ELIZABETH ANN HOKE
Owners
Phone 717 — 438-3205

Dean Shull, Auct.
Neidigh, Clerk
Lunch Stand Reserved

MYR-E-LE FARM DISPERSAL

HERSHEY MYER COMPLETE HOLSTEIN DISPERSAL

Location: Womelsdorf RD 1. Along Route 419. 2 miles north of Route 422. 3 miles north of Womelsdorf, 20 miles west of Reading, 6 miles south of Route 78 Interstate.

THURSDAY, JANUARY 8, 1981
11:00 A.M.

100 head of Registered & Grade Holsteins, 48 cows app ½ herd reg., 52 heifers, 14 bred, 38 open heifers & calves; 46 head of cattle are reg remainder high grades; 99% home raised and Sire Power Sired, TB & Bangs cert , 30 day charts Preg Checked

1980 rolling herd average 18,551M 3 9% 718F

#1 83GP Kingpin daughter with record of 5-2 362D 27,386M 3 6% 1006F sells, along with her 3 daughters, one being a Round Oak Rag Apple Elevation

18 Reg & some grades with Whirlhill Kingpin Bloodline sell 8 Round Oak Rag Apple Elevation daus sell

82 G P Elevation dau with record 4-9 325 da 26,380M 3 7% 989 fat (incomplete) Due before sale to Shardale Arlinda Chief Jemini 14 animals sell related to her dam who come from 2 generations of over 150,000 lb of milk lifetime #26 V G Lucky with record of 5-1 305 21,097 3 6 758F

#48 Grade Charmcross dau with 3 continuous records of over 700 lb fat with 4 3% average Her Elevation daughter sells

#84 Grade Jet Stream daughter fresh at 1-10 and made 17,542 3 9% 693 fat Fresh again at 2-11 and made 18,717 4 0% 755 fat. Fresh again at 3-10 and milked 80 lb milk with 4 9% first test

Grade Elevation daughter with record of 3-9 351 22,190 3 5% 792 fat Sells along with her Jet Stream daughter

All records have been kept on cattle including grade production and breeding records

20 years of NEBA breeding Sample of sires represented 8 Elevation, 7 Jemini, 7 Job, 6 Jet Stream, 2 Ivans, 2 Creek, 2 Jerry and others

800 gallon Mueller Hi Performance Milk Tank with double compressors (3 hp) Surge 1½ in pipeline (glass) for 46 cows complete with washer, water tank & 3 mini-cup units

Owner
J. HERSHEY & ANNA MARY MYER
215-589-2408

Auctioneers —
J Everett Kreider
Steve Petersheim
Doty Remsburg, Pedigree

For Catalogs send $1.00 to J. Everett Kreider
Box 87, RD 2, Quarryville, Pa. 17566

BROOKS END AND PAR-KAY FARM

FIFTY-NINTH ANNUAL WINTER SALE

FRIDAY, JANUARY 9

1:00 P.M.
At the Farm • Beavertown, Pa.

260 head of SCOTCH & IRISH and other foreign bloodlines

• New Bloodlines on Each Sale

YORKSHIRE — LANDRACE

Born and raised on our farms from our parent imported stock

100 ★ **BRED GILTS** - most of which carry Scotch or Foreign Blood Litters.

50 ★ **YORKSHIRE** - Many carry Scotch litters

50 ★ **LANDRACE - All carry Scotch or Foreign Blood Litters.**

50 ★ **BOARS**

30 ★ YORKSHIRE - New Scotch Bloodlines as well as Irish and American Bloodlines

20 ★ LANDRACE - All 100% SCOTCH, IRISH or other foreign blood

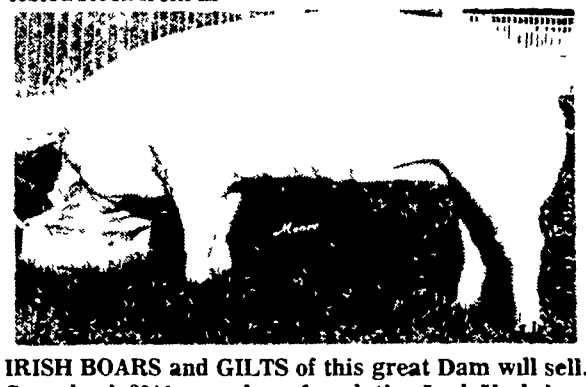
100 ★ **Commercial Open Gilts - Mostly Irish & Scotch blood. Scan-O-Probe Loin Eye & Back fat figures. Production tested - Certified Meat Proven & Show Ring Champion Stock.**

CERTIFIED BRUCELOSIS FREE & PSEUDORABIES FREE.
Health Charts Sale Day For Entry Into Any State.

1980 SETS NEW RECORDS
NEW FIRST PLACE TEST STATION WINNERS

Our breeding wins at both Penna and Delaware Test Stations Richard Miller, York County was the Penna winner with 4 boars sired by Alpine

Leon Arnold, Lebanon County, was the Delaware Station winner His boars were sired by Explorer Each of these sires were purchased from Brooks End Farm Feed conversion on the Alpine pigs was 2 4 Feed conversion on the Explorer pigs was 2 2 A perfect example of how it works for others when they buy tested stock from us



IRISH BOARS and GILTS of this great Dam will sell. Greenback 3044, one of our foundation Irish Yorkshire Sows.

Owners:
RENO & PARK THOMAS & MARK STEHR

RENO 717-658-5821 PARK 717-658-6544 MARK 717-658-7007
717-658-7304 717-658-6702

Catalogs Available
Dan Baker, Lafette, Ind., Auctioneer

READ LANCASTER FARMING FOR COMPLETE AND UP-TO-DATE MARKET REPORTS

Sale Reports

A Public sale of Restaurant equipment and office equipment was held December 13 by Dewey and June James owners of the Hanover Diner-Restaurant on Carlisle Street Extended, Hanover, Pa. It was a well attended sale.

Some prices received were. Hobart Dishwasher $2700, 2 Southbend Commercial Gas Ranges $1450 & $1600, Bally Walk-in Freezer $1100, Ice Machine $725, Refrigerator $650, Steam Table $350, Sandwich Table $600, Food Chopper $450, Meat Slicers $400 & $900, Pie Cases $700 & $800, Home Freezer $390, Salad Bar $450, Mixer $600, Cash Register $400, New Litton Royal Electric Typewriter $400, Kimball Upright Piano $500 and Lowrey Organ $650.

R.E. Kehr was the auctioneer.

xxx

The Farmersville Auction held their sale December 9 in Farmersville, 3 miles east of Brownstown, Lanc Co., Pa.

Some prices were: 4 Maytag Wringer Washers $35 to $220, Mah. Diningroom Suite $140, Cedar Wardrobe $85, Metal Office Desk $32.50, like new Waterfall Bedroom Suite $300, Mantel Clock $45, Secretary Desk $150, Glass Basket $14, Redware Mold (as is) $14, Oak Framed Mirror $11, Ice Skates $1 to $4.50 and 7 Peanut Butter Tumblers $3.50.

Sale conducted by John J. Rutt.

xxx

A Public Auction of a 13 acre farmette and Woodworking & Shop Equipment was held December 6 by Abner D. Riehl and Sally A. Riehl

The real estate had 750' frontage along Newport Road and 1600' road frontage along Meadow Road, plus a 2½ story frame house, frame bank barn, concrete cement block building and frame aluminum siding building. It was sold for $134,000 to Bomberger's Store of Elm.

Other items sold were 20 h.p. Ripsaw $600, 16 h.p Radial Arm Saw $550, 3 h.p Air Compressor $550, Clark Forklift $2500, Yale Forklift $2000, Air Dryer $325, 3 h.p Table Circular Saw $610, Electric Hydraulic Press $1100 & Air Press $500.

Sale conducted by J. Omar Landis Auct. Service, J. Omar Landis & Jay M. Witman.

xx

An Auction of farm equipment was held December 13 for Emma Lehet & Escrow R.D. 2, Benton, Pa. There were 400 people attending this sale

Prices were· M & M Tractor (as is) $625, Ford 4500 Backhoe $5700, David Brown Tractor $2400, Ford Tractor w/loader $1650, small Ford M Tractor $1000. Ford Mulcher $3300, J.D. A Tractor $750, Cord Saw $300, Shop smith $850, Bradley GT Kit $1100, Bradley FT $2200 and J.D. 24 T Baler $675.

Auctioneers were John Autotore and John Jr.

xxx

A Public Sale of a 23 acre farm in Paradise Twp., Lanc. Co., Pa. 2½ miles east of Strasburg was held by Ephraim & Susie Blank on December 10th.

The farm contained an 8 room frame house, farrowing house, corn shed and barn and was sold for $117,200.

Auctioneers were Steve Petersheim and Everett Kreider

xxx

A Public Auction of new quilts and new and used furniture was held Dec. 13 to benefit the Schoeneck Volunteer Fire Company.

Some items sold included. Log Cabin Design Quilt $260, Around-the-World Design Quilt $245, Lancaster County Rose Quilt $260, Star Pattern Quilt $200, Lone Star Design Quilt $350, Bowers Extension Table $610 and Oak Bedroom Suite $250.

Paul E. Martin & Merle Z. Eberly were the auctioneers.

xxx

The North Harford High School Farm of Harford Co., Md. held a Public Sale December 8 at Sechrist Sales Co. Livestock Auction, Stewartstown, Pa.

There wee 14 head of Chiangus feeder steers and heifers sold. Their weight was approximately 450-550 lbs. and the price range was $275 to $400 each.

Sale manager was Robert L. Sechrist.

xxx

A Public Sale of parcels of 120 acres was held December 13 by K.D. Williams, 12 miles south of Harrisburg, Pa

Parcel #3 containing 1 acre of partially wooded land sold for $8000; parcel #4 containing 1 acre of partially wooded land sold for $7500; parcel #6 containing 2 acres of wooded land sold for $12,500; parcel #7 containing 3.4 acres of partially wooded land sold for $11,000 and parcel #8 containing 2.3 acres of wooded land sold for $10,000.

Dockey & Dockey were the auctioneers with Deppen, Apprentice.

xxx

Ridgeway Auction held a household and antique sale for the Emeline S. Hevel Estate on December 13, R.D. 1, Palmyra, Pa.

Some prices received were: Hand-carved Cane $20, 4 old Stuffed Toys $30, Worn 3'x4' Hooked Rug $30, Palmyra Ruby Glass 1919 Ash Tray $25, 1910 Old Homeweek Book $30, Chipped Red Pottery Crock $45, 3 Heisey Glass Ash Trays in Holder $65 and Blanket Chests $100 & $125 plus old Ruby Glass Pitcher $45.

Auctioneer was Ralph B. Heisey.

SPECIAL HORSE SALE

DRAFT HORSES, MULES, & DRIVING HORSES

FRIDAY, JANUARY 9th, 1981

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.
Horse Sale at 10:00 A.M.
Tack Sale at 9:00 A.M.

2 Load Draft Horses, Mules and Driving Horses consigned by Ward Wright

1 Load Draft Horses and Mules consigned by Norman Kolb

1 Load Draft Horses consigned by Basil Meadows

1 Load Draft Horses and Mules consigned by John King

1 Load Draft Horses consigned by Christian L Smucker

1 Load Draft Horses consigned by Steimer Bros

1 Load Draft and Driving Horses consigned by Bud Leonard

1 Load Driving Horses consigned by Kore Yoder

1 Load Driving Horses consigned by Don Doring.

1 Load Draft Horses consigned by Ken McNealy.

1 Load Saddlebred Driving Horses consigned by Clayton Waterbury.

Plus many more consignments.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538.

Christmas Greetings

To faithful old friends and to cherished new frineds — we extend our best wishes.

May the New Year Bring You
Health, Happiness and Prosperity

Mark L. Stehr Park F. Thomas Reno H. Thomas

BROOKS END & PAR KAY FARMS
Yorkshire, Landrace & Duroc
Beavertown, Pa. 17813

PUBLIC SALE

SATURDAY, DECEMBER 27, 1980
10:00 A.M.
(16) FARM TRACTORS - (1) DOZER - (1) TRUCK - (40) FARM IMPLEMENTS - (1) FORKLIFT
Located 11 miles South of Seneca Falls, N.Y. on rte. 89.

(16) FARM TRACTORS: Int. 4186 - Cab - Air - 3pt - PTO - - ROPS - 600 hours - excellent; Case 1470, Cab, 3 pt , low hours, nice; Farmall 856 Diesel w/2200 hours, nice; Farmall 1206 w/cab, new paint, nice; A C 5050 Diesel, 600 hours, nice; Case 1030 CK Diesel, new paint, nice; Case 930 CC Diesel, new paint, nice; J.D 4320, new paint, new tires; Farmall 706 Diesel, new paint; Farmall 656 gas; J.D 2020 gas utility; Long 560 Diesel, like new, M.F 85 Diesel; JD 820 2 cyl. Diesel w/cab, new paint; Int. 460 w/loader; Farmall C42x plow

(1) DOZER - AC HD6 dozer, operating condition

(1) FORKLIFT - Case 585 Diesel, hydrostatic - 5000 lb. - 14' lift

(1) TRUCK 1974 Ford 8000 Louisville w/cat Diesel engine and 24' Jerr-dann rollback body, excellent, new tag-a-long trailer - 4 ton.

USED MACHINERY - Int 720 reset plow 6x18" nice, White wing disc, like new; Int 40 blade; wheel disc, like new; Long 10' heavy offset disc, like new; JD 1209 haybine; NH 467 haybine (nice); N H 451 3 pt. mower used 1 season, N.H 770 harvester w/2x30 cornhead & late style pickup head; wide Dunham cultipacker, IH 400 Cyclo planter 4-x Nice; Ford 2x3 pt cornplanter; J.D 2x3 pt cornplanter, M F 4x3 pt plow; (2) Fox hopper blowers; Ford snow plow, Ford 3 pt blade, 18 4x34 axle duals w/lubs

NEW MACHINERY - 5' 3pt rotary mower 6'3 pt blade, 7'3 pt blade; cement mixer; gravity bin; 5-8-10 ton wagon gears; 12" post hole digger, 6'6" 3 pt disc; 3 pt boom poles; 4'-5'-6'-7' landscape boxes; Tarps (all sizes), mechanics tools

NOTE This is a nice selection of nice equipment - come on time because very few small items
Terms Cash or 25% sale day and balance by Jan 3rd, 1981 and prior to removal from premises A few items due to daily change

Auctioneer: Fred Goodrich
Newark Valley, N.Y.

Auction By Order Of
WENGERS FARM MACH. INC.

For More Information Call:
717-866-2135 (Lloyd)
315-549-7140 (Leon)
607-642-8688 (Fred Goodrich)

PA. ALL BREED BRED GILT SALE

JANUARY 12-13, 1981

Farm Show Building
Harrisburg, PA

For Information Contact:

BERKS:
Arlie Cornbower
RD#1, Box 41
New Freedom, Pa 17349

CHESTERS:
Charles Griest
RD#1
Abbottstown, Pa 17301

DUROC:
Kenneth Fetterolf
RD#1
Centre Hall, Pa 16828

HAMPSHIRE:
Charles Baumgardner
Annville, Pa 17003

LANDRACE:
Larry Baum
RD#3 Box 422
Elizabethtown, Pa 17022

POLANDS:
Keith McConnell
Box 46
Volant, Pa 16156

SPOTTED:
Clair Hartman
Box 222
Gratz, Pa 17030

YORKSHIRE:
Leon Arnold
RD7 Box 705
Lebanon, Pa 17401

Sale Ph. 717-787-4160
Auctioneer: Harry Bachman, Annville, Pa.
Sponsor, Pa. Co-op Swine Breeders Assn.

PIGS

STATE GRADED SALE
FRI., DEC. 26
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK AUCTION
Westminster, Md
Phone (301) 848-9820

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

DECEMBER

SAT DEC 20 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT DEC 20 2 P M Public Auction of Two Lancaster County Farms (1) 78 Acres (2) 53 acres adjoining Location West Cocalico Twp , Lancaster County, Pa Mahlon N Zimmerman Owner Sale by John E Martin and Paul E Martin, Auctioneers

SAT DEC 20 - 10 00 A M Public Sale of Valuable Real Esate, Household Goods and Antiques, Located ½ mile south of Rt 23 and S Groffdale Rd , between New Holland and Leola Real Estate at 2 Terms by Elvin A & Fannie F Stoltzfus Auctioneer Robert E Martin 717 656 7770

SAT DEC 20 - 10 00 A M Public Sale of Real Estate, Household Goods and Antiques, Located ½ mile south of Rt 23 on South Groffdale Rd , between New Holland and Leola, PA Terms by Melvin A and Fannie F Stoltzfus Robert E Martin Auctioneer

SAT DEC 20 - 11 A M Public Auction, Green Meadow Farms, Hildebidle & Township Line Rd Collegeville, Pa Sale by Order of Earle Hahn Executor Don Ostrander Auctioneer

SAT DEC 20 11 A M Complete Dispersal of 65 Holstein Cows and Heifers Machinery and Milking Equipment on the Devine Ridge Road, 1 mile from Route 706 in Rush Pa Rush is 10 miles from Montrose, Susquehanna County Sale by John and Carol Fredendoll Owners, Jim Adriance and Sons, Auctioneers

SAT DEC 20 2 00 P M Public Sale of Real Estate, located along Snyder St (Between Denver Mennonite Church and Kurtz Precast) East Cocalico Twp Lancaster Co , PA Terms by Irvin B Martin and Lucy W Martin T Glenn Horst and Timothy G Horst Auctioneers

SAT DEC 20 10 00 A M Public Sale of Large Potato Equipment Located J & B Potato and Grain Farms and Briggs Boros Perrineville Rd , Hightstown NH Lee Parker Auctioneer

SAT DEC 20 11 00 A M Public Sale of Farm Machinery, Located 3½ miles south of Chesapeake City (Rt 213) turn right (west) at Coyots Corner (Towne Point Rd and Port Herman Rd) 2½ miles to farm Elkview Farm Owner Harry Rudnick & Sons Inc Sale Managers and Auctioneers

SAT DEC 20 - 1 P M Happy Acres Farm Bred Gilt & Boar Sale To be held at the Seneca Livestock Marketing Coop 4 miles South of Waterloo, NY on NY Rt 96 Auctioneer Harry Bachman

MON DEC 22 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville PA Melvin M Lehman, owner

TUES DEC 23 6 P M Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, PA John J Rutt, Auctioneer

SAT DEC 27 - 11 A M Complete Dispersal of 92 Holsteins and a few Guernseys, Farm Machinery, Milking Equipment and Miscellaneous located 1 mile from Route 220, just South of New Albany Pa New Albany is between Towand and Dushore, Bradford Co Sale by Owners Fred and Dorothy Sayman Jim Adriance and Sons Auctioneers

TUES DEC 30 2 P M Public Auction of 33 acre farm by Verna W Horning located 1½ miles North of Fivepointville, 2 miles West of Bowmansville, ½ mile off Route 897 along Woodlyn Drive Frank and Paul Snyder, Auctioneers

TUES DEC 30 - 10 00 A M Public Sale of Farm Machinery, Dairy Equipment Etc Located in Perry Co , 12 miles southwest of Millerstown, and 1½ miles southwest of Ickesburg along Rt 17 Coming from Millerstown, get off Rt 322 and 22 and follow Rt 17 to sale Rt 74 north from Carlisle will bring you to Ickesburg Frank J and Elizabeth Ann Hoke Owners Dean Shull Auct

TUES DEC 30 12 30 Noon Special Holstein Cow Sale to be held at Smoketown Quality Dairy Sales, Smoketown, Pa Rt 340, 5 miles East of Lancaster, 5 miles West of Intercourse Sale by Gordon W Fritz,, Carl Diller and Paul Snyder, Auctioneers

JANUARY

THURS JAN 1 1 00 A M Public Sale of Farm Equipment, Located from Rt 11 at Inwoood, WV, turn east on Rt 51, travel 3 miles to Roeder's Market (Formerly Haines') Turn right 2 mile to sale Or from Charles Town, WV, take Rt 51 west, go approx 8 miles to Roeder's, turn left, 2 mile to sale Edgar A Bohrer Sale Manager

FRI JAN 2 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers

WED JAN 7 12 30 P M Public sale of Holsteins, Mules, Harness and Bridles Located off Rt 54, 4 miles from Washingtonville, 11 from Danville, 11 from Turbotville, 15 from Muncy, 30 from Williamsport Watch for auction arrows off Rt 54 in Washingtonville John and Barbara Stoltzfus Owners Gordon Wood Sale Manager

Md. ag calendar offers free listings

ANAPOLIS, Md. — It's time to be thinking of calendars, and the Maryland Department of Agriculture is no exception as it is seeking listing information for various agricultural events in Maryland for 1981 to be placed on its popular "Agricultural Calendar."

The calendar, which will be published and distributed in January, will list any agricultural event of general interest free of charge.

It also serves a dual purpose as people and organizations can use it to avoid conflict of dates when scheduling later events.

Deadline for submission of listing information is January 10, 1980.

Needed for listing submissions are: the name of the event, the date and time when it will be held, the place it will be held and the name and telephone number of someone involved with the organization sponsoring the event.

Listing information should be sent to: Maryland Department of Agriculture, Information Office, Parole Plaza Office Building, Annapolis, MD. 21401.

PUBLIC SALE

of Valuable Real Estate

SATURDAY, FEBRUARY 7

@ 11 A.M.

180+ Acre Dairy Farm. Located along Rt. 419 in Tulpehocken Twp., Berks Co., Pa. 5 mi. north of Rt. 422 & Womelsdorf, 5 mi. south of Rt. 22 & Interstate 78 Rehrersburg exit.

REAL ESTATE

ZONING: Rural, 1 acre lots. Thousands of feet of road frontage on 2 roads. Approx. 130 acres tillable in a high state of cultivation w/48 acres in young and excellent alfalfa, 13 acres fenced pasture, 37 acres mature woods w/2 never failing streams & pond. Silt loam soil, high fertility, high PH, moderately deep, well drained, level to gently sloping, base: siltstone, impure limestone, grey and brown calcareous shale.

HOUSE: 3000+ sq. ft. just completely & distinctly refurbished sub-structure to finish. 1st flr. - kit., din. rm., den, liv. rm., full bath & laundry. 2nd. flr. - 3 very large bdrms., vestibule, 2 full baths & closets. 3rd. flr. unfinished bdrm. Finished basement w/utility bath & game rm. Dynatherm oil hot water baseboard heat. All copper plumbing w/top line Kohler fixtures & water softener. Armstrong flrs. & Lees & Milikin w/w carpet throughout, incl. basement. Fully insulated, all storm windows & much more.

OUTBLDGS: All outbldgs. freshly painted & in excellent repair. Bank Barn 45x90 Starline Stanchions for 30 cows, 2 lg. heifer pens & barn cleaner. Milk house w/400 gal. Mueller bulk tank, bunk feeder shed 63x33 w/3 silos attached; 20x30 Harvestore, 16x60 Star poured concrete, 14x50 H & H, all unloaders in excellent cond. 3 car garage, independent 200 AMP service, house, barn & shed each w/separate breaker panels & generator hookup. Exceptional water supply from 180' well.

Terms: 10% dn. day of sale, settlement on or before April 30, 1981. Inspection by appt. Call: HORNING FARM AGENCY, INC. 215-286-5183

Terms By,

RIDGE CREST FARMS

Elton & Alvin Horning Auctioneers
HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa
215-286-518

SEVENTH ANNIVERSARY AND CHRISTMAS SALE

To be held at Smoketown Quality Dairy Sales Co.

SPECIAL REGISTERED AND GRADE HOLSTEIN SALE

DAYTIME SALE AT 12:30 P.M

TUESDAY, DECEMBER 30, 1980

Sale barn located along Rt. 340, 5 miles East of Lancaster and 5 miles West of Intercourse, Pa.

In appreciation to all our past buyers FREE lunch will be served between 11:30 and 12:30 to all the Dairymen.

Two load of Reg. & Grade cows and Heifers out of New England states and Canada Most of these cows came out of herd Dispersals

Special Mentions:

Reg Fancy 6 yr. old Manor Crest Captian of Dixie G.P 83, Due 12-27-80 to Wauk-A-Way Fond Reliance. +756m 78% R. PD+01+29. Her records from 2-5 yr 10,000m. to 14,000m 3.5% to 4%. Her Dam V.G. 85 As 6 yr. old 344d. 22,610m. 710F. Her Granddam V G 86 As 4 yr. old 19,110m. 630F.

Reg 3 yr. old - Simpsons Apostle - bred 3-22-80 to Rippchen Boot-Nick. +948m. 89% R PD+1.91+21 2 yr. 4m 276d. 9,314m 3.7% 346F. Her Dam G.P. 80. 2 yrs. 11m. 14,000 to 20,000m. Lifetime 162,690m. 3.7% 5941F. Grandam V.G. 87 from 16,000 to 20,000m.

Reg. 3 yr. old Paclamar Bootmaker Grandaughter. As 3 yr. old 294d over 15,000m., 4 yr old 305d. 15,450m. Her Dam G.P. 84. As 5 yr. old 305d 21,810m 3.6T. 786F. Grandam 78 - from 14,000 to 19,000 up to 719F

Reg. 3 yr. old Simpsons Apostle - Her Dam made up to 18,740m Grandam 3 yr 5m 294d 14,730m 3 8T 555F.

Reg. 4 yr. old - Nicolk Sunshine Bold Chief. Dam GP 87, as 6 yr. old 305d 15,770m 4.2T 666F

Reg. 3 yr. old - SAXOJAC Sherry Rambler Robbie - 2 yr. 292d. 10,460m. 3.5T. 367F. Dam as 6 yr old 315d. 17,600m. 3.5T. 621F. with a heifer calf by Sun Ben Sizzler.

Reg. 6 yr. old Round-Robin Forty Niner Jo 2 yr. to 4 yr. 10,000m to 13,100m. Dam 5 yr old 305d. 15,590m 3 4T 524F

Reg. 7 yr. old - Pencor G. Ivanhoe Pabst from 14,000m. to 16,000m. 597F Bred to Rosemere Fury Ivan with a daug. selling by Whitter-Farms Astro Galaxy - Born 9-5-79 (open)

Reg. 3 yr old Southview Philippe - with a heifer calf by Brysdale Ultimate Len.

Reg 4 yr old Briarwood Chieftain - with a heifer calf by Roybrook Temp

Reg. 4 yr old Bishop Walker Nadine Thor

Reg 5 yr. old Ingholm Yukon

Grade 5 yr old - A - Louden Hill Elevation. Bred to Lablam Astronaut

Grade 5 yr. old - Harrisburg Gay Ideal daugh Bred to Marvex Son. 2 yrs old - 307d 12,022m. 4 0T 509F 3 yrs. old 351d 14,344m 4 0T. 584F. 4 yrs. old 353d 16,108m. 4 2T 674F

Grade - Elfax daug. Bred to Marvex Son. Due 12-27-80 283d. 14,789m, 4.3T 629F Complete in 393d 20,213m 4.5T 915F. 308d 16,179m. 4 5T 728F 321d. 13,122m 4 0T 537F

Grade - Fairhill Elevator - Bred to Jet Stream 3 yr 2m 14,698m 3 6T 535F , 4 yr. 3m 19,742m 3.6T 695F.; 5 yr. 6m. 14,360m 3.6T 511F.; 6 yr. 5m. 17,736m. 3.6T 616F

Grade - Born 4-15-79. Bred to Prophet Dam had 17,499m 3 6T 631F

Reg 2 yr. old - Kingstead Shine - Her Dam - Vigo Charmcross, records, 2 yr 9m 11,000m - 4.2%; 3 yr. 10m 14,340m 4.1% 591F

Reg Holstein Bull - Proven ready for Service. Lawcrest Marvex - Twin Dams records 314d 17,054m 754F 4 4T 399d 19,398m. 913F 4 6T 4 lactations avg 4 4% T

If you need milk, Test and Records don't miss this sale A gift for every buyer Turkeys for some of the Lucky Buyers

Sale by
GORDON W. FRITZ
717-393-0930

Cash or good check day of sale.
Carl Diller - Auctioneer
Henry Kettering - Pedigrees

Lunch — Bird-in-Hand Auxiliary

We wish to thank everyone for helping make 1980 a success and we look forward to serving you in 1981

Merry Christmas & A Happy New Year From All Of Us

Helen Bill Margaret Johnny
Carl Diller Gordon Jake Ben
Henry Manney Red Snyder

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT JAN 3 - Avoca, (Steuben Co) New York Auction of Ultra-Modern Potato and Warehouse-Equipment to settle the business estate of Carlton F Stowe, Inc 607 566 2247 Auction by Pirrung Auc tioneers, Inc Wayland, N Y 716 728 2520

THURS JAN 8 - 11 00 A M Public Sale of Holstein and Dairy Equipment, location, Womelsdorf, Rd 1, along Rt 419 2 miles north of Rt 422 3 miles north of Womelsdorf, 20 miles west of Reading, 6 miles south of Rt 78 Interstate J Hershey and Anna Mary Myer Owners Auctioneers J Everett Kreider and Steve Petersheim

THURS JAN 8 12 00 Noon Monthly Cow Sale at Melvin Kolb Inc Lancaster Farm 2220 Dairy Road Lancaster, Pa Dennis Kolb, Manager

FRI JAN 9 1 00 P M 59th Annual Winter Sale Held at the Farm Beavertown, PA Reno & Park Thomas and Mark Stehr Owners Dan Baker Auc tioneer

SAT JAN 10 10 A M Public Sale of Household Goods & An tiques Located 7 miles East of Lancaster off Rt 30 on S Ronks Rd Terms by Christ F & Lydia S King Auctioneers Steve Petersheim & Everett Kreider

SAT JAN 10 approx 4½ acres of ground, located between Morgantown & Churchtown, just north of Valley View Rd Terms By Estate of Ruth Weaver, Lee L Weaver, Ex ecutor, Wentz & Weaver, Attys Elton & Alvin Horning Auc tioneers, HORNING FARM AGENCY, INC 215-286 5183

SAT JAN 10 - 12 30 P M Public Sale of Real Estate Located from Cross Keys on Rt 30, take Rt 94 north ap prox 5 miles then turn west on Dicks Dam Rd and go 1 mile to sale Mr & Mrs William C Myers, Owners Dennis J Plunkert Auctioner

JAN 11 12 PA will Breed Bred Gilt Sale Held at the Farm Show Building, Harrisburg, PA Harry Bachman Auctioneer PA Co-op Swine Breeders Assn Sponsors

TUES JAN 13 50 Yorkshire bred gilts at sale by PA Yorkshire club Held at the PA Farm Show building 1 00 P M For information Leon L Arnold 717 273 5880

THURS JAN 15 - 12 00 Noon Monthly Cow Sale at Melvin Kolb, Inc Maryland Farm, Woodsboro Md Tom Miller, Manager

SAT JAN 17 10 00 A M Public Sale of Valuable Anti ques, Held at the Guernsey Sales Pavilion on Rt 30 6 miles east of Lancaster, PA Sale by Elmer H Buckwalter Ira Stoltzfus and Son and Jay Leary Auctioneers

SAT JAN 24 10 A M Public Sale of Farm Equipment & Household Goods Location In Ephrata take Main St East to Mary Carter Paint store At paint store turn right onto Bethany Rd Go to 2nd crossroad, turn left onto Brossman Rd, go to end of Brossman Rd straight ahead to farm West Earl Twp Lan caster Co , Pa Sale by Amos Z Hoover John E & Paul E Mar tin Auctioneers

TUES JAN 27 Public Sale of Farm Equipment Located at Indian Run Rd , 1 mile east of Mt Aire John Hoover Owner Nevin Z Martin and Lewis B Groff Auctioneers

TUES JAN 27 10 A M Third Annual Public Auction of Used and New Farm Equipment by Agricultural Industrial Equip ment Co , Rt 273 Rising Sun MD (Blizzard Date January 29) Blaine Rentzel, Auc tioneer

FRI JAN 30 - 10 A M Special Draft Horses and Mules Sale at New Holland Sales Stables

FEBRUARY

SAT FEB 7 11 00 A M Public Sale of Real Estate, Located along Rt 419 in Tulpehocken Twp , Berks Co , PA, 5 miles north of Rt 422 and Womelsdorf 5 miles south of Rt 22 and Interstate 78 Rehrersburg exit Ridge Crest Farms Owners Elton & Alvin Horning Auctioneers Horning Farm Agency, Inc

FRI FEB 13 10 A M Special Draft Horses and Mules Sale at New Holland Sales Stables

SAT FEB 14 11 00 A M Special Horse Sale at the Belleville Livestock Market, Belleville, PA Selling all kind of horses & mules

SAT FEB 14 9 00 A M Public Sale of Farm Equipment & Household Goods Located in Martindale Pa East of Ephrata Sale by John A Zim merman Lamar Z Sensenig & Paul W Horst Auctioneers

SAT FEB 14 11 00 A M Public Sale of Farm Machinery Located 13 miles south of Lan caster off Rt 272 at Rawlinsville Ave or 1 mile north of the Buck between Truce and New Providence along Hopkins Mill Rd Sale by Ivan J & Rosa S Clark Lloyd H Kreider and Randall V Kline Auctioneers

THURS FEB 19 Public Auc tion of Farm Equipment Located at 96 Zartman Mill Road, Lititz, Pa Henry Z Horn ing, Owner John E and Paul E Martin, Auctioneers

FRI FEB 20 Public Sale of Farm Machinery and What nots Located 2 miles south of Rt 23, between New Holland and Leola, turn off Rt 23 on S Groffdale Rd , turn left on Musser School Rd , terms by Elias S Beiler, Robert E Mar tin & Son 656-7770 and Frank L Steller and Blaine Rentzel Auctioneers

SAT FEB 21 - 10 30 A M Public Sale of Farm machinery, household goods, Ford 5000 Diesel, 574 Int Diesel Located in Lancaster Co , PA , 2½ miles South west of Gap From Route 30 at Vintage go South on South Vintage Rd to 2nd crossroad, turn left, first farm on left Terms by General Repair Shop Gideon L Fisher Ronks, RD #1 Box 108, Pa , Steve Petersheim & Everett Auctioneers

SAT FEB 21 - Public Sale of Farm Equipment Located along Swamp Ridge Rd bet ween Reinholds & Schoeneck, W Cocalico Twp , Lanc Co , Pa Sale by Dutchland Laboratories Inc John E & Paul E Martin Auctioneers

TUES FEB 24 9 A M All Day Public Sale, all kinds of Farm Machinery and Tractors by Ed win Horning, 1½ miles West of Ephrata along Meadow Valley Road Ralph Horst and Blaine Rentzel, Auctioneers

FRI FEB 27 10 A M Special Draft Horses and Mules Sale at New Holland Sales Stables

2-Day (Montour Co) Sale FRI FEB 27, 1981 Sale of Reg and Gr Holsteins, 100 Head, Mostly Home Raised SAT FEB 28, 1981 Full Line of Farm Equipment Located just off Rt 54 near Turbotville, Pa Owners Rudy Hostetler & Sons Auctioneers Carl and John Diller and J Everett Kreider

SAT FEB 28 Public Auction of Farm Equipment & Household Goods Located along Swamp Ridge Rd just North of Schoeneck at R D 1, Stevens, Pa Sale by Mary S Hoover John E & Paul E Martin Auctioneers

SAT FEB 28 Yorkshire and Duroc bred gilts, open gilts and boars Leon Lawrence and Thomas Arnold Sale Held at the Lebanon Fair Grounds, 1 00 P M For Information Leon L Arnold, 717 273 5880

MARCH

FRI MAR 6 9 30 A M Spring Machinery Sale Held at Belleville Livestock Market, Belleville, PA

FRI MARCH 6 10 A M Public Auction of Livestock, Farm Equipment, Household Goods and Antiques located on Bel mont Road, 1 mile South of In tercourse, 1½ miles North of Rt 30, Lancaster County, Pa Sale by Elam R Petersheim Paul Snyder and Larry L Mar tin, Auctioneers

SAT MAR 7 Public Auction of Farm Machinery and Household Goods by Amos Z Newswanger located 1 mile south of Churchtown along Boot Jack Road Frank and Paul Snyder Auctioneers

SAT MAR 7 17th Annual Bart Twp Fire Co Sale Held at the Fire Hall, Bart, PA

SAT MAR 7 10 00 A M 2nd Keystone classic all breed of bred gilts open gilts and boars Held at the Farm Show building, Harrisburg For in formation Harry H Bachman 717 867 1809

SAT MAR 14 8 30 A M 13th Annual Sale of the Gordonville Fire Co Sale of Household Goods, Antiques, Livestock & Farm Machinery Terms by Gordonville Fire Co Local Auc tioneers

FRI MARCH 13 10 A M Special Draft Horses and Mules Sale at New Holland Sales Stables

SAT MAR 21 11 00 A M Special Horse Sale at the Belleville Livestock Market, Draft Horses, drivers mules

SAT MAR 21 1 00 P M Sale by PA Yorkshire Coop Bred gilts, open gilts and boars held at the Lebanon Fair Grounds Leon Arnold 717 273 5880

SAT MARCH 21 Sale of Farm Machinery Silo Equipment and Tools Off Pt 897 at Gehman School Terms by Eli Martin Leroy S and Paul W Horst Auctioneers

THURS MAR 26 9 00 A M Annual Spring Public Sale at the Mel Stoltzfus Farm Located in Centre Co about ¼ mile west of Rebersburg PA Glick, Gibboney and Snyder Auctioneers

THURS MAR 26 9 00 A M Public Auction of Shop tools, farm machinery Located in Lancaster Co , Pa ½ mi North Gordonville, 1 mile West of In tercourse on Old Leacock Rd , turn South off Rt 340 at Esso Station onto Old Leacock Rd , ½ mi to sale Terms By General Repair Shop, Gideon L Fisher, Ronks, RD #1, Box 108 Pa

APRIL

WED APR 8 Easter Lamb and Goat sale at the Belleville Livestock Market, Belleville, PA

FRI APRIL 10 10 A M Special Draft Horses and Mules Sale at New Holland Sales Stables

SAT APR 18 - Public Sale of Lawn & Garden Equipment Sale for Lawn Care of PA, Daniel Z Martin, Martindale, PA Kline & Kreider Auc tioneers

FRI APR 24 - Spring Heifer Sale, 250 300 head of Registered and grade Holstein heifers, springers bred and open, held at the Belleville Livestock Market, Belleville, PA

FRI APR 24 - 6 30 P M Yorkshire and Duroc bred gilts, open gilts and boars Held at the Lebanon Fair Grounds For information Leon L Arnold 717 273 5880

SAT APRIL 25 15th Colonial Charolais Spring Sale Loca tion Winchester Auction Market, Winchester, VA Managed By Buzz Garey, 100 Walnut Lane Morrisville PA 19067

MAY

SAT MAY 2 Hubert Charolais Ranches SALE - a dispersal of the Missouri division, at the ranch, Richards, Missouri Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville PA 19067

FRI MAY 8 7 P M Driving and Riding Horse Sale at New Holland Sales Stables

SAT MAY 16 - Royal Charolais Annual Bull Sale and Royal Female Sale Location at the farm, Greensburg, PA Manag ed By Buzz Garey, Garey Cattle Sales, Inc 100 Walnut Lane Morrisville, PA 19067

JULY

SAT JULY 11 - COLONIAL IN VITATIONAL, at Bratton Charolais Farm (Raymond Bratton, owner), McVeytown Pa Sale sponsored by the Col onial Charolais Association Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

OCTOBER

SATURDAY, OCTOBER 3, 1981 Wesson Charolais Pro duction Sale at the ranch at Koshkonong, Missouri Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your ad-vertisement by 4 P.M. Tuesday of each week's publication.

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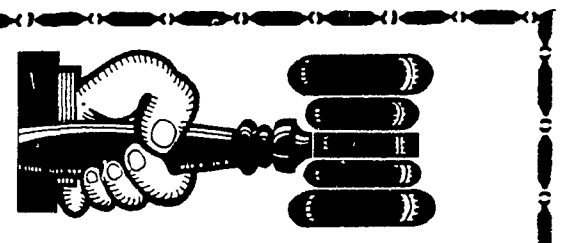
Res. 717-393-7459

Maryland Farm
Woodsboro, MD
301-898-7720 or
898-7663
Tom Miller, Mgr

MONTHLY COW SALE AT LANCASTER 12:00 NOON THURSDAY, JANUARY 8th
No Sale Thursday, Jan. 1st

MONTHLY COW SALE AT MARYLAND 3RD THURSDAY (JAN. 15) AT 12:00 NOON



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For us Men

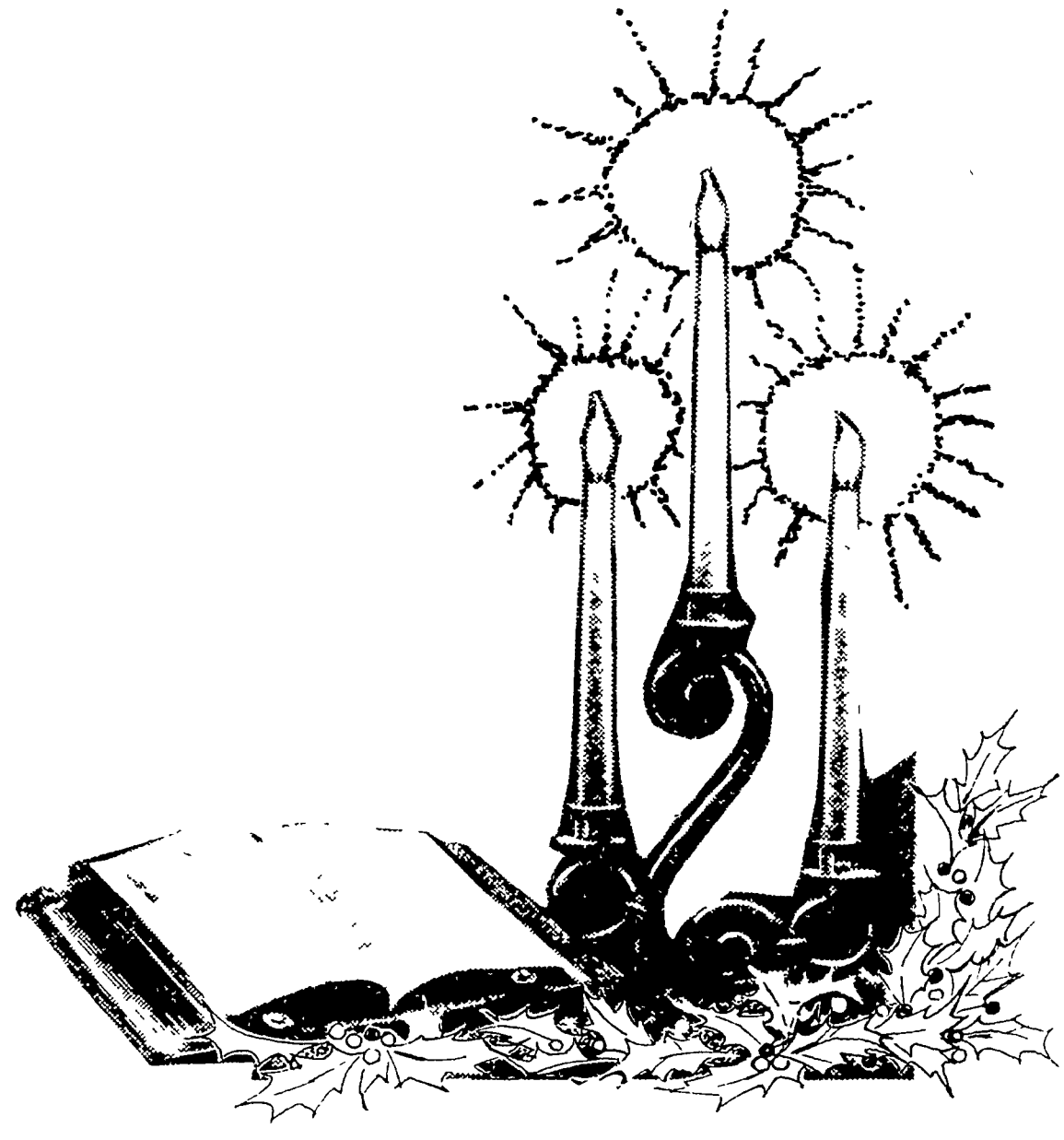
And For Our Salvation

He Came Down From Heaven

By The Power of the Holy Spirit

He was Born of the Virgin Mary

And He Became Man



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